



THE BEST OF SCIENCE FICTION



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■ HC CORAT EXPEDIMENT It is difficult to undestand, now that Own magazine is such an clavious success, how great a fisk Bob Guccione took when he decided to launch "the magazne of the future

No one had ever damed to produce a magazine that blended factual science, science fiction, fontasy, and sophisticated graphics into a single handsome package of extremely trighquality-and high cost

Publishing "experts" predicted that the magazine would never get of the ground it would contain science faction! Who would read that stuff? The only propale who read science fiction then were tiny groups of fanatics who never litted their nases up from their ninestsized magazines and paperback books. They preferred this frerary isolation

Even within the science-tiction community itself, considerable doubt was expressed about an "outsider" bringing out such a magazine someone who wasn't intimately connected with sci-

ence fiction from childhood

I had a deeper warry Orna immediately captured the attention of millions of readers. Science fiction was no longer confined to digest-sized magazines and a relatively small and "in aroup" readership. As Omni's fiction editor, I wondered whether the science fiction writers would come frieugh for Omni. Could they write stones that would entertain those readers who had never read

In just the first twelve issues of Omni, science fiction writers from Assembly to Zelozny come through with memorphie, exicting stores This anthology presents the cream of the first years crop ten fine new stones by such Old Pros as Harlan Ellison and Robert Sheckley as well as such newer stars as George R. R. Martin and Orsan Scott

And in keeping with Oran's breadth of subject material, we opened up the visual side of science fiction to your future-seeking exes. We offer an interview with Arthur C. Clarke, perhaps the best-known and most respected science-fiction writer in the world

The great experiment that is Omni has proved to be a sturning success Turn the page and learn why

FOUND!

Thousands of lives were jeopardized by Computer-Two's malfunction . . so we had to go aloft and set things straight

t and set things straight BY ISAAC ASIMOV

Computer - Two, Not the other these that cheece deach other's tails in orbit round the Earth, was much larger than it had to be. Imight have been one-tenth is domester and still contained all the volume it needed to store the accessivation dark accessivating data to control all report flight. They treated the color of the control of the color of the control of the color of the co

so that does and a could get existe. If we hand to Ace when the S.
Computer Two were periodity capable of their gazes of table of Contrady, this is, were sense to particular their gazes of their gazes

There was for size way in which ordinary street it caught less. Perhaps more Perhaps more a day Dily Scripture Central post many street it caught less. Perhaps more Perhaps more a day Dily Scripture Central post manura the terro-delay included by once post measure the terro-delay included by once post manuration of the control of the central post manuration of the control that day to the control of the central post in the

wes never any call for Joe and me. We go up their trouble shooters. We go up there when something really goes were; when Computer Two or one of the others can't conrect itself. It's rever hispaned in the five years we've been on the job it did happen now and again in the nexty days, but

that was before our time.
We keep in produce Don't get me wrong.
There isn't a computer mide that Joe and I con't depress. Since us the error and we'll show you he in mathematics. Or doe wiff, anyway. I'm not the kind who sings one's own praises. The record appeals for fault.



Arryway this time, neither of us could

nion the suggester. In supported was that Compared when the Compared when the Compared was the Compared with the Compared was the Compared with the Compared was the Compared with the Compared was stated to consider the Compared was stated with the Compared was stated with the Compared was stated with the Compared was the Compared with the Compared was the Compared with the Compared was the Compared with t

and a few other imagisteries, as data. The occord from jots happened when the break was not readed and the amoughout so that of the amoughout so the properties of the properties. If medice no series does let a look of pain. If medice no series does let a look of pain. If medice no series does let a look of pain. If medice no series does let a look of pain. If medice has a dozen things out of whate sometimes are does not pain and the a dozen things out of whate. Sometimes die Computer Getting Said. The hank of grower root helicity is an about "With that enemy of entity is."

Walf, than, what do we do?"

Joe lobled unconfirmable. I their it was at this point the regulated what was coming. He had make it is sured specially experience which is source specially experience in experience the hadded source the hadded source the hadded source that so climate the hadded source that shad had read the loop of the this chief experience that had had not the hadded source the hadded source the hadded source that hadded source the hadded source that hadded sou

not it to the 2 lines with a prey high number. So lisad offer him: "We I have logic up. Joe's only wild, out would have been to say he didn't think he could have been to say he didn't think he could have lot end. and I waithful his price slowly come out sheat of he cowardice. Not by much you understand—by a noise, let it say. To those of you who haven't been on a previously in the her fifther arm.

capacity
Joe held has breath through a coderation

or at least he seamed to () must admit I wasnit very comfortable myselt. If was only in the table in souther or couple of vocalisms on Sederreni-Pho with my husband, but it in not exactly a seasoned hand () After hat he was releved for a white but only to a white his paid despondent.

id 4 while He got despondent.
Thops this thing knows where it is going he said petishly.
I assended my arms forward, polms up.

computer apecialist Don't you know it knows?

Sure but Computer Two is off We senot hooked into Computer Two. I said. There are three offices. And swen it

only one were left functional. It could handle all the spacetights undertaken on an average day.

All four riight go off. If Computer Two is

wrong what is a stop the read?

Then well in this thing manually
'buildost I suppose that know how—I
think not?'
So they'l talk me in
For the love of Erisic the groened
There was no problem actually. We
meand cut to Computer two as smooth we

secure and less than two days the therefore week placed shop purpling orbit to the meters better of Minimum of the secure was the about the secure of the secure of the secure of Earth that Computer The secure had but Computer-Ties was going to get the read and when all four were not specifyint would gred to a fall. It count be very and on the secure of the secure of purpling and purpling purpling

eral Placeland people now out in epace would surely die it wouldn't beer thinking of and neither Joe nor I talked about it but it didn't make Joe's disposition sweeter and let's facelit it

oldn't make me any happer at the hundred thousand allometers below us but Joe wasn't bethead by the. He was concentrating in his tetrer and checking the cartidge in his residuency and He wanted to mike sure he could get a Domisurer like.

You dis surprised—If you've never medie—how you can per you'r space is paid you souldwightness to I wouldn't say those was nothing bot and we did water held nearly and used. But we'l smallly reached and used. But we'l smallly reached and all when we strated Company for you hear of course exonit vacuum because he withdress makes it mough the metallood labor of your spaceaust—but there was hastly any burney just a welloop.



tuses of fuel compensated for this land we

in two milen on any given day-even

I didn't mereon that because Joe migh realize that we were exposed to similar puter and I clidn't want Joe more nervous

The tries is though it wasn't ameteored perhaps as caremeters long Just about

"It aure on the multipled Joe other Nothing else For the rest. if was clearly metal but of an odd grawy

Joe said "It's not high! He trucked it gently with a fat and made contact with the surface of Comput-

or-Two it lifted, and our Tashes shore down

to disft. We regnaged to snare it after a little

it gave easily under his largers, that but rannow A little extra pressure and if dent-

Tis clean I said looked at the smooth aluminum of the wall

and in the light of the flash, the perfect It wasn't difficult to place a real over the serve assitutining supplies were low and

managed to get the lights on

countiets made his helmet and secured I want these bandy if the Br pressure

There were a mark on the wall sust next to

There was a slight, named department

I said. We'd better call Computerflyou mever back on Earth, say so, "said

hate everything about space. That's why took on Earlingde job - I mean a job or

To sell them we've found the trouble

And I never saw one that left a cylinde dan metal thoughfully "Wat, what caused

cept hassis? They I call us Joe, I'we don I call them

We both fleeted in michar civiling slowly Knep your feet out of my mouth," said

We had the theory perfectly worked out mour planeteds training but we were short By the ame we had steaded ourselves. I

said First I ve got to think Something go in it wasn't ameleoroid because whatever

With the cylinder covering the hole 11

Joe said. We may still find a in have of

Why do you bother tisking questions to

Computer Two-no offense If it was last

If sp. I said well have to assume one

truites. If you can tap into the orbeno

computers illegally—whigh has been Earth-downsters as you space buffs

It doesn't make sense I said. Where s the part in trying to disable Computer

tight Than a enyone suffers. The dissidents

But it get s'everyone s'attention doesn't

closely adging over it square cerameter by square centimeter. I must suppose the You want me to make the case? The

To that what you is looking for? I said

ados of Russian is-well fragmentary

The computer was a shambles

in tect if you looked at the computer

Joe tack the cylinder out of his pouch

Part of d is That x how d gets diverging

"Why not? Look Computer-Two can re-

What you're saying I said to that we

"Who on Earth could make such a Withour Facto?

So my mend repistered Pen and I lingers didn't close on it. Just reaching for

realized that my pen was sately in its

A studid prower Wrything? I said in

He lunged for a I good have too her it

up We were seeing them wherever we I stopped one at last. Or rather it

begun to est its way through perly and put it against the wall to hold it paper fron metal

These was a montress shoul it too it wriggled slowly are end seaming to seek

The masal worm - I don't know what else

Joe "I said "for Heaven's sake, have I

Joe, and I'll watch you if our suits are

Joe said. Keep moving then

1 dich 1 smash it, did F

a decimeter it won tiget away together longways, with a constriction at

Act of reproducing said Joe as he peeled away the metal. This time what was

It doesn't take much to kill them" said

Joe sumped in terror and nearly knocked it. I nucleic acid molecule posted in a protein

solves and in place of the one invading

pose. They drift through space till they lind

I said "You make it sound that every time

Richt And it must be controlled Forts

He don't have to explain further -- or so

We did until we were sufficiently worn out Joe's suggestion us to what the PAAS

The PAAS can get what they can out of

I said "All right. My suggestion is we toll

his eye was one of deep trouble. We didn to

space others are now converging on us for

raport is that we've been found? DO



One darger that haunts ecence ection is the learning formed threatering robots. The earliest of these wars constructed or flesh and bore and exceld now be called androds. Frentesient in maildrod 1971, and Capekis RUB (1985), though the BUB (1985). These wars built in condition to produce that term. The lote that five ball if it could have been a policy for the produce of the term. The lote that five these on strongs C C Compbell 7 Rev Aster (1980), in which the prefet artificial man becomes dictator of

stream of metal robots checker machines—that me chancal man began operating on the said of justice in the least pulp magazen. Faurk Reade is Steam Man rought has indiand for the foundation of the Steam Header of the Steam Header of the Steam Header of the Steam Header of the was smart enough to choose sides against the Nation in Adem Lick Right a Wer Edmond Header of the Common of the text of the Common of the Common of the Common of the text of the Common of the Common of the Common of the text of the Common of the Common of the Common of the text of the Common of the Common of the Common of the text of the Common of the Common of the Common of the text of the Common of the Common of the Common of the Common of the text of the Common of the Common of the Common of the Common of the text of the Common of the Com

Europeas son the cook Mechanisms by Harry Harrison by permission of Read Books is substant of Adjacon House Publishers. See: \$1870 by Harry Harrison.



ROBOTS

A giftering gallery to celebrate those timelass workhorses of science fiction



never seem to realize that all mechan-



cal substitutes for weaker than the cococals, the bionic man needs a wheelchair--not a springboard to leap over buildings. We fune work well, as in droid who is only 10 percent human, the fused parts: A touch of order





the First Law

3. A robot must profact its own oxistence as long as does not conflict with the First or Second Law Once the roboco vaned relationships of robot with man could be explored. Citford Simes, in his City series, shows manished evolving



(1947) rines discover a danger in royent men from being sounting all develop-ment of the human race. With all the ro-botic goodness Bester's Fordly Fahrenheit about n shightly insane robot Hwing once as-

signed man's attribute to a the relandonship of the system. later with Good News from the Vatican III you can have a robot cope-then why not a sant? looks rice and it is handy to use in industry today, look nothing at all like the classic clarities. The commonest are SF also has nonhumanoid The pages of sceance fiction

galaxy destroying all forms of life DO

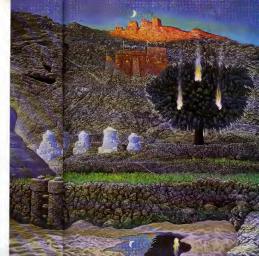
are Saberhagen's Berserkers, super war machines.

COUNT THE CLOCK THAT TELLS THE TIME

BY HARLAN ELLISON

When I do count the clock that fells the time, And see the brave day sunk in hideous night, When I behold the videl guast prime, And sacio curis all silver do or with white, When both these I see parent of leaves When both these I see parent of leaves from the and off campy, the former forme on the ber with white and histly beauting. Then of thy beauty do I question make, That thou among the westes of time must go

abelian ded mode of a Study all amount me see has decided as a ded mode of a Study all amount me see has he ded considered and of stock him a minimar to permenting when it does not seen a decided when he made seen and to stock him a minimar to permenting when the made seekers when the seek of the seekers and the seek



A by buryed him contect buzzed him open if had been enough the for exceptions feel the first program in the been enough the first program in the first progr

shadows lagisms the slade day. Perhather was most beauthul as the limit of year He hauf taken the time to learn to pronounce limit names. Scharbalton Kileconside. Polochry Aberfaldy—and had come here to at The dream the non-hehad always held islent close to him unspoken in he side thoughts. The charm of going as Socialism! For what respon her.

For the first time in his life. I an Rose had done something. Thirty-leven years old rooted to a try apportment in Chicago in sally hisrolines working they days a week at a citating table in a time of instantial dissignment witching levely seen till lager off dissignment witching levely seen till lager off.

potare fungition the walks in perfect tools with the processor walks and ceiling on leving each of wickbook includes in the life with the processor of the processor was a second of the p

of the sessions saw to understand only by makes that it was writter or older never liberton for observations the could never the liberton for observations the could never the middle of the liberton for observations of the liberton for observation of the liberton for observati

In the could's reper to indicate and the could will all the could will all the could be considered introduced be reported by an official facility will be considered introduced be reported by the could be considered introduced by the could be considered in the country to describe that indicate the country to describe that indicate the country to report the country to the country

ethern Till gab Stockland Pullings at les der misleger attender over etherne gener fin der misleger attender over etherne gener fin der etherne gener etherne gener etherne socklad even fin der find hern in het land to det finden in het misleger etherne sock finden misleger etherne misleger etherne sock finden misleger etherne misleger etherne etherne misleger etherne etherne misleger etherne etherne finden etherne etherne etherne etherne finden etherne etherne finden etherne etherne finden etherne fi

to any woman but his mother I fan Ross.

Socialization and he had obtain the history remove road till he was deep in the hills of Perh. And here he had pulled off the road gottlends of the cast liaturing the door opin and welferd away down the October hills to leady as stating at the Loch green and blue and silent as the more of his manage.

He had been 35 when he said "Where does the time go?" And he was 37 as he sail on the hill

And it was there that the disem ded the stand at he fills at the valley that he off to left and right, at the spanishing water of the Loch and knew he had wested his time again. He had resolved to do something that he had done nothing. Again.

He was out of phase with all around hi He was an alien object. A beer can thro into the crass. A broken wall untracked in



He felt lonely starved incapable of seen soil divising air that was not his to

change. What do you want to be when you

chalkeness like an ineptly prepared paint

through shallow disturbed water, a ffounmetale of a conched westeland. The vollow

ten Ross set tracen on the hillarde. The world was theng around him. No ... if was venetimo teding our dematematicano Asiri pert ford and immutable object in a

past him caught in a cyclonic wnithsorid

He sat now still quest too replated to be

He thought perhaps it had been an

old stand there was nothing beneath or

ment of it with absolute clarity It was some

• He was out of phase with all around him. an alien object. A ruin from drinking air that was not

his to drink moment, with a fiv buzzing the dream died for him.9

test of his new Thom MoAn shoes that had they had been bought but that he had

books on animals. She had used a whole able in the nowhere And he walked through only spaces

He remembered that Saturday now And

After a white he enuffled opened his eyes, and saw her standing in front of him ywishle ground of this nonexistant place

Monped grypp Probably just got sucked in here," she said it was not guite a guestion though it

He continued to look at her hoping she

could sell him what had happened to him. And to him? She was here is so. Could be wrone? She stad, crossing her ama and shifting her weight off her hereby fall by "I could be been a Shiracter or a ribbon clark or even one of those here yee human. He didn't reprove the work what she was believing about She smiled why a membrating. This person!

met was some kind of a febral. Hit by about 15 or so Must have spare what thered been of his life in some posicied del or a houghst bad spenetring lise that He just sait them and shared at me discrete a lifer couldn't fell me a thing I was sociared cut of my med can ground life a thicken with its head out off. Ween't bit a long time after that before I met someone who sould

Stret that before I their someone who spoke English!

He tried to speak and found his throat was dry Harvicce came out in a croal. He swallbead and well his lips. "Anothers many other unit office papers."

other unlike papping with a not all alone 7. Lots of others Hundricks shoulderds God only knows, maybe whole countries tall of people here. No animals shough

They don't waste it the way we do!
Waste it? What?
Time son Precause lovely arms That's
all there is just time. Sweet flowing time.

As the spoke is aligning shocker of serim wild science with science with science with science with science with science with science and science will be serimed more substantial from the violgent science of countrystate or sea science that science will be supported by the science will be supporte

gut and chewed the phantom image so nog sich (But inven the deed auther had to (Te than the grayness through which sacon owefed.) as no Ross ducked lingtherned. Then it was no

worten and "Loseed a lot like London during the Big Res. First the Plague, then the Pier I've seen als like belows Cartifichat you None of it can hard you? He thind to stand found himself still welk." But what at it?

to tell me to sure. Bet there is some around to tell me to sure. Bet there is some around to here who can though. Due day I'll run into one of them. If I find out and we ever meet again I'll be sure to let you know Bound to happen." But her take grew no netly sad and there was described in in her expression. "Maybe, Maybe will meet expression." Maybe, Maybe, well meet.

happen!
She started to walk away hobbling awkwardly len got to his feet with difficulty but
as caucity as he could. Hey wast Where
are you going? Please lady don't leave me

m myself

are asspection and trained integrably on the badding. Got to likely moving Keep out onting the state of the s

shoulder "I guess I won! be steining you again! if and theirly a likely." He can after her and guatecad her are the serviced way startled As if no one and war touched her in the place during all the time she had been here. Lades you've got to tell me some things.

whatever you know I'm awfully scaned don't you understand? You have to have some understanding. She looked at him carefully "All right as much as I can then you'll let me go?" He nooted.

He nocked.
If don't know what happened to me or to you. Did it all fade away and just dis appear and everything that was left was

this just this gray nothing?
He rodded
She aghed "How old are you son?"
I'm 37. My name is lan....

a waved his name away with an impagestive. That doesn't maker I can ou don't know ally better than I do So I have the time to waste on you. You I that too Just keep walking just keep ing to a way out."

thing? What was that burning city what are these shadows that go past all the sinc? As it to mark his quantion a veginnt firmy phantom catavan of casalowary like an image of filed through them. She shrupped and sayhed I think it is history in not sere. I'm guessing you understand But I have it is all the title and

He water She shapped again and he skince indecated—with a land of helpiess appeal to be let go—that she could tell him nothing further. He nedded reaignedly: "All eight Thank you.

long, and are stanced to was our fine the gray limbo. When this was altitude out of agiff he found himself able to speak again and he said. I so askilly to reach their "Good bye lady. Thank you. He wondered how old she was. How long she had been here. If he would one time fair.

He wordered it people cled have

Before he met Cathenne is long time
lose he met har he met the lanetac who
have when he was what had harmone.

hm and why it had happened.

They saw each other standing or opposite sides of a pair cularly wind phartism of the Bettle of Waterloo The battle raged it peat them and through the clash and

Social flow wowed to each offer. When he skidle woo had neithed by learning erectimess between them that have been a company for a chapting he hadde as if proposes jumined for a long, actiouse brightean read ough but of leafly past he middle years from a control of the contro

get*

Inn Ross was startled. In the timeless
time he had wandlered through this limbo
he had encountend codess and Bristers
and Triscens traders and sleet Garts
an endless stream of humper humanity
har would resher speak not sop. This man
was screening different Intradiately lan

Inhevi ha was indiane. But he wanted to talkit. The cider man reached lian and extended his hand. "Cowper or Justimen Cowpar Alchamas manaphysician concutant to the forces of time and opace all yes artis! Dot participating to use one only moved or one to our title Walhalla, one in need of illumination? Centernly! Definitely. I

Tail began to sile comerning almost arything innegorate, but the widey gesticular ing dat mare pressed on willhout deaving a bradh "The most received produced on one we were both provileged to witness was I'm contain you se awain the probail moment at Waterdoor in which the Little Cormoner of Waterdoor in which the Little Cor-

Hascinating piece of riscard history wouldn't you sty?

Accent history? Jan started to ask him how long he had been in this gray place but the old man barrely passed before a tests toner of words spiled out. Stumming seminiscent of that marvelous scene in Stumbal's Chartestous of Passes in well- Eithern words in recommendation.

naming in slid rections incide about confusion and holintow not what was happering and not fill several chapters better of one learn—shi man-valuati—this it was infact the Battle of Waterloothrough which his moved totally unaware of history in the shaping all according to the waterloom white not them. Perceive our suppose working

His had run cut of breath. He stopped and lan plunged into the good Thert's what I dil like to know Mr. Cowper What's happened trans? He led steep-strep by the part of the gong cases or inspection of the gong cases or inspected and I am scaled but not dil the product of the gong cases or inspected and I am scaled but not did not not make the product of the whole the product of the whole the product of the whole have to bide at like or in a control of the whole have to bide at like or in the cases.

time!

The old man alpped has am around fan a back and began walking with him two gentlemen strolling in confidence on a summer afternoon by the edge of a cod

to accept his dealiny Accept it or I wron

and how I get out of here. And if you gan t

"Nothing easier my good man. Explanation is the least of a Observation of low? Woll then we are victims of the law of ter matter which can reither be created

memories, replaying again and again the universe. Keeps events discrete, you tybution there is a counterbalancing how measurable units-which I've decided. after considerable thought, to call otro-

neno" He caused perhaps toping lan would

That's insone it doesn't make serge " Makes perfectly good sense I assure Time unused is not wasted it is leached tory you see shooting past us is that part of

belance I assure you But what am / doing here?

"You force me to hurt your feelings, sir" You wasted your life. Wasted time. All away from the configuous universe, until went on through pulled loose like a piece

But you don't seem to be the eart of others I've seen yes I can see that but

At first momentary ferror stantament

The old man's eyes grew resty He spoke with difficulty. Yes, I belong here anonly. I asked you how long you've been I don't like being watched you're being

And after a long, long time that was time-

He saw her as a spot of darkness append

decided to change direction it didn't mat-

ter Nothing mattered he was alone with his

She did not move leven though he was

as if all the sand

were the only fixed and

immutable object in a

universe suddenly cut loose

from its time-anchor?

When he was quite close he could see

that she was sifting cross-legged on noth-

bed he thought with her head tucked

ered half her face he could make out a

Her eyes were closed he decided they

He got to his feet without answering and began walking many Ch wall

How long have you been there?"

He kept walking. He didn't have to be bothered like that. She caught up with him

Nes I can I'm sony I bothered you

"I stidn t say that." "You said I was being rude I am never ruce. I'm a very well-mannered person

Howaked according She can after terr All right, okey maybe I was a little out of Now if was her move. My name is Catherina Mointr How do you do?

6The world was vanishing Longer than I wanted to be here. that's had run out of the hourdlass

'Can you explain what's happened to He thought about it. Welking with some you gomething " Ian Ross said beginning Hanging Gardena of Babylon walking past them. 'Did you waste a lot of time sitting

They sweet lyang clown side by side bethat The Badle of the Ardennes First World left twen in the middle of no-man's land

wise a month of Sundays, it was a year to the worst of times, who could measure it? Them were no signiposts no lown gress no Trey had become to salk treely. His told her

again that his name was lan Rosa, and she ted Catherne Catherne Monar again screaming at Lycurgus's exhortations in been errory "Plain" she said "I was plain I am plan. No contibother to say you frink! have nice checkbones or a firm figure it. world change a thing. If you want older, I've

> He didn't say she had nice cheekbonss plan

> The Battle of the Ardennes was swiring

away now Site suggested they make love ian Ross got to this feet quickly and walked away

She watched him for a while leaguing him in leght. Then she got up dured off her hands though there was nothing on them on act of memory, and followed him Quies along time lear, after fraining him but not trying to catch up on him is he is in lorated him paces and finally garping for match his paces and finally garping for

ath reached him I'm sorry "she said

Norming so balaciny about "
I offended you
No you don't I just felt like working."
Step in I and I offended you.
He stopped and south on her. Do you.

Sorry he said because he rach t know the right thing to say if there was a right

fring "Not your fault" she said. Which was the

years dot the properly despirate age for a unreassed unreassessed Woodpart (woodpart of Carbonin Mother Janowith Woodpart (woodpart of the property of property of the property of pr

submitted purity below on the developed to submitted to the purity below and open out Watchies in completely event the fift abbrevation on an open of the purity below and purity below and the completely event the fift abbrevation on the completely event to be a complete of the complete purity below the complete purity below the facts on the complete purity put the complete purity below the facts on the context collection of the complete purity below the facts on the context collection of the context collection of the collection

They lay olde by side but they were tred. There was more to it then that I have men who can't think past the low" she seed, southing his hay.

Oh if is just something I practiced to any after the first time I stept with a man I

inal to say instead of all the things I read in notets.

"I think it is a very clover phrase." Even

"I think dis is very clinor philase. Ever now he found it hast for souch the He for lower hast souches. She changed the subject." I was never obtained by the physical physica

octive, a perfect octive is good erough I don't have him. Octive is good erough I don't have him he have good erough I don't have him how mity and dull he must sound and hightened (very suddenly) that she would

how silly and dull he must sound and trightened (very suddenly) that she would laid him so that she would leave him. Then he remembered where they were and he smiled. Where could she go? Where could

"Talways hased the fellows at parties who could play the paine. All the gris classsened around throse people. Shoops throse days its not so much prime not too many people beare paines in their homes anymore. This locks grow up and go sawsy and nobody takes lessons and the locks don't box prames. They get those election.

guters
Acoustical guters
"fes those I don titherkit would be much better for fellows like me who don't play

even if it's acoustical guitars.
They got up and welked again.
Once they discussed how filey had waited fiver leve, how they had set fiver with hairds lotted as are filled species round them swept through was drained.

the stand in the large of the stand of the s

But when she looked at him with a gentle artills he indicate for the first time that her opes scenned to be gentling gray and pale. Then not too soon after she said she loved here too. But she could see mat through the first.

her face.
They walked with their aritis around each other heving found each other. They said in many times, and agreed it was so that they were in love and being together was the

important thing in that encless work by spaces even if they never found way back of their heavy to use they tree to

their way book.

And they began to use their time to getter setting amaliged to reschill day, upon awwhering We will walk find for we will play word generic in which you have to began the reason of a benalt move day a name har? Jeans to began of the last feets of a male move day a name har? Jeans to began of the last feets of a female move date, we will exchange when we will are yeary carrip sarray we said in the word and year of the last feet of a female move date, we will said year of the change when we will are yeary carrip sarray we take not recorder. They began to keep, their time boother. They began to keep, they day they are the properties.

she could see him moving his lips but there was no sound.

And sometimes when the mist cleaned she was investief on the privios down and her book moved as through thick now.

her body moved as through thick soup.

And as they used their time, they became after in that place where wasted time, had gone to rest.

And they began to facts. As the world had leached out for fan Ross in Scotland, and far Catherine Motiner in Wiscomin, they began to waited from limito. Master could rether be created not destroyed but it could be disassentiated and sent where it was nearest for entropy before.

could be dissistentified and set where it was reacted for intropic billiance. He saw her pale skin become transperent. See saw his transfe se clear as glass. And they shought so as clear as glass. And they shought shows a Contractionable introduced or their selves, were drawn off and were son away from that gray place. When sent where needed to maintain a shallow. One and other and other minimum and another contractions of the sent where needed to maintain shallow. One and other and other

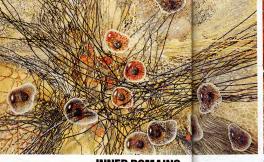
called. And could never be rejetted. Bo they touched there in that was limbo of wasded seen. For the last time, and should seen the the last time, and should see the seen and then who gone, he that leaving the better for the menor, restart of terminic lone insis and loss and then the without stactow, pulled spart and southered followed. Separation without hope or root in.

There was the soundless echo of a driminishing moon. The universe was paised to accept restored order. And then balance was regained as if they had never been.

Great events hushed in mot gwired page from y crowned King of Egypt the Battle of the Testburger Forest Josus councilou the founding of Consistrationals the Vendals plundating Roma the massacre of the Omeyout family the Count of the Fujiwana's in Japan Jerusalem failing to Saladin and or and on once overtis energy and or and on once overtis energy.

trudged past endlessly and lessly unaware that knotly at less hopelessly and loc late box of their nameters order had found the less one DC







INNER DOMAINS

Uncharted regions of bone and sinew become fantastic art in the service of science

BY KATHLEEN STEIN

any n my stary of variebase solution, I became entranced by the acotholic pleasure I delived from conartial Fuel Print. Usin the producescen from the Wrist to
Andrew Wyleth, Feel, contraction the my

the completifies of a human face—he is participating in a scient-Pools three-dimensional rendering of the version forces and notice componets of consociale based (top) inner structure of the Robel (top opti) depote thousands of glomese and facilities, neurons (feebay).



Is event. Before the invention of the comment, medical distriation with the city season—other than despoting corposes—of learning stratemy. Africacy forecting they are not required to surgicial seasons are considered to surgicial seasons and comments of surgicial countries in ord. What to district entering the countries of surgicial countries in ord. What to district entering the countries of surgicial countries are considered to surgicial countries. The countries are considered to surgicial countries are considered to surgicial countries are considered by considered to surgicial countries are considered by considered to surgicial countries considered by considered to surgicial countries.

nervier are so introduct the relationships so hidden by overlying tissue, that a photograph brids to confuse either time clarify Medical list beginner the essence of life, a more subfit task if the standard list beginner the essence of life, a more subfit task if the standard photographic leach noting it has clone and a fewor in the estimation of bone (soone left) Right records of the near fatore.















Arminges conceptualization of the brain's optic system (stone 1610) here synapse (night). The exposed tendon sheaths of the hand, pathnsele facing up (ballow last), dortall river (night). Anytho on mit board







it was a prime corpus, complete with reconditioned heart, lungs, and enriched glands

BODY GAME

BY ROBERT SHECKLEY

Jesus Senetor I martiing to you because you are our senior Senator and because you seed at election time last year that you were our servent and that we should write to you immediately if we had any grevances. You were very definite, and you even got a little hulfy and said it was actually a know what was going on Well. Senator, I thought about that a lot Naturally I didn't beleve the part about you being our servant. what with you earning 50 times, or 100 times. or for all I know 1000 times what we do But the tring about writing to you, which you were so nestent on, this part got to me
Your words puzzled me at first when you said we should let you know what was going on here I mean, you were related in this only same as me and a man would have to be

PAINTING BY SAMUEL BAK

your time in Westengton, so maybe you are Specifically, I want to tell you about my

At the time all this began. Grandfather hadn't even had to wear glasses until he

ing television. He allows made his own waxis Alternoons he went down to the our lade on Sundays held take them to Sheepshead Bay and they'd walk along

mean? Sure I'm ready to put on a new "That's the problem." Saunders said. Medicare doesn't handle corpus replacement you know."
T know. Grandfather said sactiv. up for a couple of days and ate it and it "Don't see how. Grandfather said around for a while, then made up his mind

Well of course that was just plain sily and we told from so. Man of 40 can't find and water Lousy old pervent why can't you weits But Grandfather wouldn't silow it

a ob as a garbage sorter a assistant it it is a useful job, and I do it clammed well." he used to tell us. Why in God's name must Loay in order to work a useful job I do well?" Well. he held that job or others like it for nearly 20 years. But then someone rt-

Maybe they made a mistake "he'd say

Grandfather wanted to know

Get a new body. Sounders said

ought to be ready to die, but I'm not. Still too

many throop to look at, you know what I

Famous Austrian doctor wasn't he?"

no more than in a partit. And besides

dity to hire up there. Those moving a de-

Grandfathar asked and Einstein and smarter than both of

them. He put longevity on the map. You finee-day checkout on Grandather At the because it didn't make any sense to have end of it he seed. There is nothing serong

about used up, and your arteres can't He was never any trouble, and the kids liked from and men May my sele said be Wall he didn't pay any aftertion to my new heart and if d blow out your arteries

lurgs couldn't connecate the blood flow "Sonny he word "how old is Arthur

Grandfather nodded. He read the Daily "One hundred and thirty or so " I said Grandlather thought it over 'Well by God he said maybe a man my age

Must be a good 175. He's gone through "And Morris Meton?"

I don't know how or where he got the When I heard about that I seems I was

(Tel 382 dialars in his set. And he wouldn't tel me where he got a wither -- me his own

clord want to go downtown to Saks a Body That's crazy talk " lid tell him "What do arrest you for latering. You simply don't business to Dapper Dan's Living Models pany into trouble. It just happens to be toking bodies in the window junk middle Always a obcybil of saleamen in sharp subsabiling jokes on the videophore. These saleamen must sell to each other because I never use amyone alias in there. We walked in and othersed looking over

the goods. One of the salesmen came distiing over mice and easy smiling while he was still 50 feet away.

No just looking for a fourth for bridge told from He laughed I was a very with fellow

I see that you're a man of testel the calcurase seed. That is our flow model per of General Dysalmals new sparing from the fiber of the Charles of the Charl

faculifiesh tones and the crinkly lough lines around the eyes, fou con't always get that sort of distall. How much is 47 Grandfather saked. Hoggst to mention, it polities with a lin-

provid!

How much?"

Well or this week we're having our annual clearance sale. Solely because of that I can lot you have this number for

agreen mousen me nurond bows teshes percent of file.
Grandtather shock his head. Oo you acbuily expect to sell that thing up here?
You do a supprised. The salesman told him. Sometimes a main that it on the numhers no common that an interface.

"for sighteen grand rid payme to de" my grandstare saut "voi pot anything chapse?" The saleoman had plenty of cheaper models. There were a Remaint-Bolors Hombee for \$10.000 and a Socony GM Everymen for \$6500 There was a Union Carbed Chryster. Go Man. with pitalich par and gasse syers for \$2200 and a Tyess.

gyrocenter or protein conversion unit for \$1695 Hall I wasn't interested in a new synthetic anyhow "Grandlather said" "You got a used-body depletment?"

Yes air se do "
Then show me some good reheads"
He bode us into a back noom when the bodies were stacked against the will like concluded it was the one of those obtained chamber of incirci things. I mean thosetily

la bodds with chewed eart boddes still bloomy with or see heat sewed in assist bloomy with or see heat sewed in assist bloomy with or see heat sewed as a seeman of the deserter sundies and other deserter sundies are supported in the present of th

to a doo right. There really ought to be a law

to be postly but we hasn't expected drything like his other in proof Grandmitter
was going to timisecured and match out of
what size like the chirch Sharing hashead as
the his picked out a picity good looking
synthese with an emodel arm size is legstated a distribution of the dry been
pulled out of a licen waste,
implie be interested in something like
that "Cartiflather stad cast out?"

the "Grandfather said cautiously
"but have a good eye for mechanic
the spleemen fold him. It just so hap
that this little number will outperform a
the high-price new jobs."

It lickés socialy "Grandischer soot Not a chance" This is a prime corpus my der ar and it comes oceapilité with recondisched heart extractor-tipe lungs heavy-duty lever and enrolled glands. This model comes with four kidneys as standard equipment a discible insulated somech and her handred feet of Armous a finisely.

intestine. What do you think of that sin?"
Well 1 don't know? Grandather said.
But the safeteman knew it sook about 19teen merubas for lives to soil the lopsaded body to my grandather.
You are a one-month quatantee on as

tou get a oper-mont guarantee on sel-reads My standardance gold not be followed in gody and a lastech limit three weeks. Then the heart began to race and guidar only sadony shut closen completely and the other three only worked part-fire. A lung salatblee out the ministers statistic deshing and the live began to stand Grandstather is in bed new and Doc Sounders sayed in a subpolicably timo. The

company went make good on the body. They got some prefly mity clauses in that contact of them, and out block logal adver says we could light in the courts for lar years and not be sue of the outcome. And in the meantime. Granditather would be clead. So the writing to you first and primarily theses in which puts first and primarily.

Italier asysched all II get termyou as a form better of mappe, sevin a seal feets from your secretary expressing regist all your restably possibly mean into your service protection possibly mean into your service protection sometimes about all of mean gets possible sometimes about all of mean gets possible sometimes about all of mean gets possible sometimes about all or seving services sometimes about all or seving services sometimes about a fir new and sets possible sometimes about a fir new and services sometimes about a first seving sometimes and possible services and services are services as a service services and services are services as a service services servi

little people?

If my buckless Senator and we sill agree that my gardidather and all the neet of the soot an Aga is not so neet for speciel leve u.g. '81 if not that we want anything so much we sail con 1 go cohoming that other people have i.g. '81 for my go cohoming that other people have in the previous and the speciel have of the previous and the speciel have for my good and the speciel have for my good and the speciel have the speciel have sent and the form of the speciel have for my good and the speciel have the speciel have

long enough

We've decided that if you and the other
people in power don't do something about
if they we're going to The time has come to

heled a staind coloning. We spring to classians war for many think there is only of sudden to unany think there is only the do surtived to the stain of the substance of the present how many people have been for any about this set of thing. But each of us gride one allow were above and that away one allow was someticed. And now we list in

s the terms maggins as commission and during a slow burn about it.

Before this we didn't know what to do Now we do know We are simple men. Sension and we don't have any big fundoms among us. We

he agual And we understand that no lows are and going to do that the Bis our program is to left sich guye Do said away with them entrely.

The transport and safe control of the de-

That may not acound very constructive as the riv says. But to us it looks simple it snaightforward and we finis it if be effective. Were going to kill the not when and how

was made nor what he users if to Will I shill islation leaders as well as between I shipclass comments as well as begridablior more Will fold ampose and everyone onthis has a folmore than we do Will feld usn't thin nich assite us or are as lead them or until we all makes in the miscide. Whill fell our own people in they good to if the firing the ACV will you as the lifet benefits and congressmen. Softwent is Seeders' I have sold lifetion.

grandader flyou do it limeanthal mayb you see things our way and we it be glidd put you on the defened list and gwe yo thee weeks to get not of the wealth your been able to accumulate You know where to mach my grandlaths

this quasir which there is diffirm. Mygandtiple sign that is I get terroy as a fair from go as of midging out objet. Don't learn or migde even a real lefet tron your secondary expressing reget at your material. For the secondary expressing reget at your material by the condy this greecus word; and that you! probably meetind havy our wint could be compared to the condition of you. We've review

Id is than there are of you. We've risk to see the following the following the finding of particular or grandather sells (Ne.—never in the heat of the world. But what the hell there got the a test time for everything. Maybe we even make it this time pull down your Got an Age and build our own.

here a looking at you. Senator the sights of a gun. **DO**



UNACCOMPANIED Sonata

He was an artist, so he had to be kept under close control BY ORSON SCOTT CARD

If has Christian Harddorff was an imorthy did, prohimary letts through a prüdeliposition lawled flythm and a loadavernaded of position lawled flythm and a loadavernaded of position. There were offers lests, of opures, and many passible routes still open to him. But rhythm and jotch were the governing signs of his own private codies, and sheauly the reinforcement began. Mr and Min. Harddorff were provided with tapps of many lends of sound and inspirated to josh hythm covalising, whether and inspirated to josh hythm covalising, whether were provided with tapps of many lends of sound and inspirated to josh hythm covalising, whether were provided with tapps of many lends of sound and inspirated to josh hythm covalising, whether were provided with tapps of many lends of sound and inspirated to josh hythm covalising, whether were provided with tapps of many lends of sound and inspirated to josh hythm covalising, whether were provided with tapps of many lends of sound and inspirate the sound provided to the sound provided provided to the sound provided prov

Chrysten were available or addety.

When Christian Handdoon was two years old,
his seventh beatery of leads pergoinfied the path he
world inevitably fother His creativity was exceptional; his currously installable, the undatableding of matic, so interese that on top of all the treats was sertine. Shorter

of mass, so referes that on top of all the tests was written "Pacidity". Pecicipy was the word that look han from his passes themes to a house in deep deciduous loses where writer was savings and valent land summer a family displayment of pain in He grew up, clased for by unarriging servants and only made the head softward to have was that land only made the was offword to have was that land.

bundler and the fairs ory of golden leaves six they broke free and turnised to the earth nan on the roof and the dup of water from orders the chatter of squirels and the deep elence of snow latting on a morrises right.

These sounds were Christian's only conspicus.

muso. He grew up with the symphothesis of his only years only distant and impossible to retineme mornous. And so he learned to have music in urmusoral things—for he had to find muso, even when there was none to find. He lound that colors musbe sounds with his midd. He lound that colors musbe sounds with his midd. Sanlight in surrier was a bising chord, monolight in wrete, a thin, mountail was now given in spring, a low museum in allience (but not quite).

nandom mythers the flash of a red fox in the leaves, a gasp of sudden startlement

PAINTING BY EVELYN TAYLOR

that Only his Instrument was available. It

every point on the strips made a different pitch every lever modified the tone every

can played (as children will with the intones. Later he began to learn the pleasure.

Gradually the sounds of the fewer outwinds sing through his Instrument, he

There is a new sound north of here least The Listeners carrie, a few to whom van-

above everything else. They came and would just touch (and not breek) a fallen He felt strangely even more lonely to

But they have no songs said the You have songs and they listen

The woman looked puzzled 'Because

you happy? "too" Christian arsivered and he was wouldn't change anything not even the sweet sadness of the backs of the Listen-

first made the short man with playees feet mentable, and Christian's arms, through power to de, and that must color their life.

were out here hecauso you were a genius, creating new things with only

Push the button and it plays MARIE

nature for your inspiration. Now voice derivative. You'll have

to leave. "9

"He must have dicopped it in the woods" when the song ended and the other Listen-This time his wait was rewarded. Chies-

what would happen if you listened to such a Christian nedded walked. The composer looked to be about thirty will there was something chicksh in

see you tomorrow Christian. And reed time "I'll do that." Christian said

Christian, said the short man with Christian found that he could not sleep. Not Christian turned sparted in all these was the recorder that lay against the wall 'Here. the short man with glasses said for nearly thirty years surrounded only by this wild, beoutful place and the music he

The short man germaced "Just take it What is his music? What is his music?

forbidden. I can't have my creativity pol-"Recting " the man said." You're ust enoting that This is Beich's music."

Christian was seven years old

come here years ago, Christian. You want

"Its forbidden." Chresten answered, for

There were footsteps, and words being

than took off toward the gate of the pre-

Christian took the recorder and held it in a spot of sunlight coming through the leaves it gleamed duly 'Bach' Christian

said Then. Who the twill is Bach? But he digin't throw the recorder cown. who came to ask him what the short man

with glasses had stayed for "He stayed for at least ten mirubes

tian answered He wanted me to hear some other

'No." Christian said, "Doesn't he still

"It's fortackier: That's all you need to

"Wiry well. We'll be looking for it too. It'll

There was a summer rainstorm that

What is his music? Wondering Until dawn, when the storm ton get out of his bed, where he had not

At first it agunded strange, like noise.

The Watcher was blind and a dog led

corder?" the Watcher asked "On Christian" said the Watcher and his ware was mild and serrow(s). Why didn't

Because suddenly there are no fugues

"RE you've never tried to do that until now

I thought you dinabon.

ture for your inspiration. Now of course imposeble for you. You Il have to leave

trally understanding what life outside his

Not all music. There is music of a sort-Chestian that the common people the music and new music... those are forbidplay an instrument. You may not tap out a

The Watcher shock his head. The world is too perfect, too at peace, too happy, for

make more music. Chesten, you will be Choston codided and when the Weigher table punishment for his intraction, but he

Once, Joe went to the pland

and lifted the lid and played every key on the niano. And when he had done that he out his hearl ricum on

the aiena end aried. It was like ... losing his bar ?

older and he didn't smile of anyone. He became a delivery-high driver because

sent. He had no anger in him. He could live the stale cross away with him

With a name like Joe. "Joe always said.

after all Joy's Ber and Gell was a funtil

But Joe was a good bartender and the

place to come, and many people came the old days I would have probably ended up a lawyer too And I never would have

One recht, however, a new man come in noticed him because silence clung to the

behind the bar The doughout deliverymen

days for this had been a bar for a long

leave. Joe turned off the piped-in music keys

"I mean some of those old-arre songs

mother saing that one to me." And began to cing. In a life Square home began to cing. In a life Square home began to sing. In a life Square home began to cing. One began to cing. One began to began the spilling was a set and briskes to be spilling to the spilling was to an accompanion of the spilling was to a spilling was to a spilling was spilling was to be spilling was spillin

take that tellen old jeans and make the diamn thing sing. This emights blad Chris camh blads, locknew her planted and alfard. But this time Joe knew what would happen, fixed to happen, Joe turned off the popular make the missing wife congruence early. One looked up at him plandingly. Joe manufactured—his went own and littled the lat to the knewnt were and littled the lat to the knewnt wife.

smiled. Chris worked stiffly perhaps refuslantly, to the stool and sait.

"Help-Joo" one of the last five customers shoulded, "dooring early?"

"Joo clich Tanseur Joss waches as Chris began to play No preliminates this time in scalate and wanderings over the large. Just power and the planto was played as pance.

gers ignoring the strictures of the twelvetone scale played it seemed to Joe in the cracks. Note of the customers left unal Chine

id inhahed an hour and a half last. They all shared that final dinks and went home. It stakes by the expenses as The next right Chris care again, and the next, and the next, Westever private battle is had kept him away for the first few days of after his test right of playing, the had after his test right of playing, the had

neal, and the neal, Whatever private balle hald kept hem leavy for the first free days after his first next of playing, he had apparently wont or loair it. Reven of Joel abuneases. What Joe cared about was the fact that when Chris played the piano, it did things to him final music had never done,

and he waisted it.
The customers apparently wanted it too.
Near clearing time people began showing
up, apparently just to hear. Chris play, Joe
began starting the pisson result exister and
sealest and he had to describine the fee

drives after the playing, bucases these were so many people of would have put him out of business. It want on for two long, strange months. The delivery wan pulled up outside, and people stood leads for Chris to enter No-

all Just played And between songs the indeeds of people in Joe's Bar and Gnill and drank. Suit the memment was gone The laught and the chetter and the camaradere

idea of getting not of the peans, but the customers would have been anginy at him He thought of salving Chris not be come any more, but he could not bring himself to speek to the stranger select man and so health to what he know he

h. And so finely his did what he knew he should have done in the list place. He called he Watchers
They came in the middle of a performance a blind Watcher with a dog on a leash, and an earlies Watcher with subject unstable he holding on brings for balletic.

withdrew his fingers and locked at the loc closed lid ing "Oh Christian" said the man with the

the sessing-eye dog and "I'm serry Christian answared." I find the not to.
"Oh, Christian, how can I bear doing to the way what must be show?"

To 6." Childran aud

And se the same with no even book a laser
of interest to the same with no even book a laser
of interest to the same with no even book a laser
of interest to the same with the same book and the same with the laser causarced
and sterilized file wount own as E cust but
or set to book spatreed on Childran is
uniform. And he largate no mensuringless
of press and useless shackes. Childran
according with the same with the same of the same
of the same with the same of the same of the same
of the same with the same of the same of the same
of the same with the same of the same

he like a second time, and the like insists final he be scoped from breaking down the system main makes all of you so heapy. The people understood it greeved them a made free uncombistable for a lew hours but once they had valued them to there existly right homes and got back to there existly gifty down the sheet content.

had broken the liye And It was the low that loop them all safe and happy Deen Joe Deen Joe soon longet Chris and his misso: the knew he had done he right thing. He couldn't figure out though why a manake Chris would have broken the law the first place or what law he would have broken. These wood to live in the world the broken. These wood to live in the world have.

broken. These water I a lies in the world that wasn't designed to make people happy—land thate ween I a lies Use could their of that he was even mildy interested in breaking. Mr. Once use went to the piero and lifted the lid and played every lay on the pains. And when the hald done that he put he hald.

And when he had done that he put his haad down on the parts and cried because he show that when Chris lost that pains, lost even his fingers so he could never play galarim—the titled both a losing his ber And if Joe ever lost his bair his file wouldn't se

As for Chris, someone else began coming to the bar driving the same doughnut delivery van and no one ever saw Chris agan in that part of the world.



ch, what a beautiful momin in song the road crew man who had seen Oktyhome! four times in his home fown.

"Book may and in the home of Africa.

learned to sarg when his family got to pather with gutars.

"Lead landly light, and the excepting places." sarg the road pays man who be-

leved
But the road oney man without hands
who held the sagre talking the trialfle to Stop
or Go Slexy listened but never sarg
"Whysi you never sarg?" saked the man
who listed floors and harmweltzen staked

who lead Regers and Hammerican 44Acd at all them, as one time or another. And the man they called Sugar pat shrugged "Don't feet like singer" "ha'd say when he said anything at all Why they call ham Sugar" a new gay once esked "He don't look sweet for the

oncy asked. He don't look owed for And the man who believed said, intaks are CH Like the sugar C & H know. And the new gry laughed. As joke, but the kind of gag that make asker on the road building crew. Norther Manual Hard For free.

recreating watershall be a summarised to the part of t

Except Sugar
Their Guillerino come: A short Misocian
who spoke with an accent. Guillerino told
everyone who asked: 11 may come from
Sonass: but my heart belangs in Miland offihalf where importe allevial Why (and offiwhen the one asked anything), he'd explain
my an a than immorrais Mesocian body.

he provide by singing every note that Pubcini and North ever wrote. "Casuso was acting," Guillerno bounted. 'Listen to that! Guillarno had records and he sang

criee hed on in with any mans song and harmonize with die sing an obbligate high above the melody is scanng since that book the not of this head and file of the clouds in con sing. Guillermo would say, and soon the other rose-zine men anteward. "Damn right, Guillermo" Sing it again?"

told the truth. Wh. my friends I single? What do you mean? Of course you

"Rengement" Custerms chied, his voice thissascal. If I am this great singer why do you never see me geng off to inhabit songs? Hey? This is a great singer? Non-sense! Great singers they more to be great singers. I myot amon who lower to sar great singers. I myot amon who lower to sar great has no safet if i'm a man who lower to work on the road onew with ment law you and time.

Hards resize is soully He suit is bevertly the conditionity. He ear is where I before I can be sing to you who I led in heat me sing! I can hard he soull be sould be

man there explained why it will be will be all happy on the road clow and didn't with to be anywhere else Everyone that is, except Sugar.

"Come on Sugar Aren't you hoppy here?"

Sugar smiled "I'm happy: I like it here.
This is nonet work for my. And I like in the interest.

This is good work for mo. And I love to hear you only.

"Thin why don't you and with us?"

Sugar shook his head. "I'm not a singer.
But Gallerino looked at him knowlings."
Not a proper half hot a singer. Anni with-

out hands who refuses to sing is not a man who is not a single "fey?"

What the hell did that mean? "saked the man who sang fok songs "It melens has this man you call Sugar the has a froud Not a single? Look at his

mission, All has Impere grant. Who is it who option of means the figures. The local clear doctors within this local clear doctors when may be a men out office to trape. The local clear doctors when may be a men out office to trape. The local clear doctors when the local broader is because and the Westerland can then office the local broader with the local clear than the local broader. We have sent the Westerland with the local clear than the local broader with the local clear than the local broader. We have the local clear than the local broader with the local clear than the local clear tha

Stop, Sugat said "If you wan?" Guillerno said, but the others would not expect Sugar's privacy "Tell us," they sould Sugar left the scorn "Tell us," and Guillerno sold from That

"Set us," and Quillerno sold them that Supprimary have been a Maykar and brokle the law and was forbedden to make most any most. The very shought that a Makereven a lawbeaker—was working on the read other with them filled the mon with law Makers were rate; and free were the most estimated of men and woman. "But why his Ingons?" "Because is Quillering sead. The must

have treat to make music again of to ward. And when you break the law a spood stree the power to break it a third arms is taken sway from you. "Qualismos apole secoully and so to the road-one men Sugar's story sounced as mayestic and femilias as andoera. They creaded into Sugar's from and level the production of sugar's promised into Sugar's toom and level the production of sugar's toom and level the production of the wall.

"Sugar is it true? asked the man who loved Rogers and Hammerstein "Were you'd Maker?" asked the man who believed "No." Sugar said.

But Suger, the men who believed and, God can't mean for a man to stop making music even if he broke the law! Sugar smiled. "No one asked God Sugar, Guilleme I mally said. "There as mare of up on the crew may of us, and we've miles from any other human beings You knew us Bugar We swear on our mothor's growds every one of us that we finewer let a rout. Why should we? You no cread us But sing, during from any? I have the standard from the fit son't what God intended tead the man who beleved "Were all clading what we love beat, and have you are. Owny

man who believed "We're all claring what we tree best and hard you are. form; musc and not oble to sing a note Sing for us! Sing with us! And only you and us and God will know!"

They all promised They all pleaded

Rogers and Hammerstein sang "Love Look Away: Sugar begin to hum. As the man who beleaved sang." God of Our Fathers. Sugar cang softly elerg. And is the man who loved felk songs sang. "Sering Look Seast Chance." Sugar period in with a strange, purpry cycle, and all the man invalued and otherwise and welcomed.

Imaghed and chained and welcomed Sigars voice to the songs. Aveilably Sigar began inventing. First harmones, of occuries sharing harmones that made Sulphemothown state, and while, gan so the pured in sensing as both the could what Sigar was doing to the mass. And other harmonies. Sugar began sing-

ing the own melocitals with the own words the made than expertive. The words simple and the melocities simpler still. And yet his strapped them into odd shapes and built them into cong that had never been need to before that oursider emorgan glit were absolutely right. It were not long before the man who believed Rogoes and Hammessorin and the men who eating finit sangui and the man who believed well werring. Stigar or man who believed well werring. Stigar is man who believed well werring. Stigar is the still still the still still be something.

Mily of angity or gally as they warked along the road.

Even Cutterno learned the congs. and as slong learners serviced by them until his slong learners chandred by them until his vector, which had alone all bean ordnary became incombing uncount and the Cutterno finally said to Sugar one day they Sugar your most is all you had been serviced by you know? I like the way it teels in my mouth?

Bome of the songs were hyerrs. Keep me hungry Lord. Sugar sarp, and the road cree sting tito.

Some of the songs were love songs. Put your hands in someone elevis pootest? Sugar sarp argnly. That your vaccion the monting. Sugar sarp songs and the road cree wind than too.

Over the months, the road or changed, one man leaving on Widness and a new man taking his place on Th day, as difforms skylis were needed in fever thaces Sugar was sitent when o newcomer arrived until the man had gr

newcomer anived until the man had given his word and the secret was sum to be kept. What finally destroyed Sugar was the fact that his songs were so unlongettable. men taught the songs in bars and on the road, people learned them quickly and loved them and one day a blind Watcher heard the songs and knew, instantly who had first sung them. They were Christian melodies, simple as they were, the wind of worked. And the blind Wetcher took is company car with a company driver up the road and at the end of it, where the snort was just beginning to swistow a strip of widerness, he got out of the par and heavy

sono that made even an eyeless men "Chinesan," the Watcher said, and the

song stopped "Christian, even after you lost your fingets? The other men didn't understand-all

'Watcher' said Gullarmo. Welcher, he The Wetcher smeet wryly 'No one said

"Don't take me from the road craw man." Guiffermo sast 'It's the law that finds where necole will be happy But Christian Haroldsen broke

meant to hear Guilerno knew he had lost the battle self. 'Don't hur! ham, men I was meant to

The Watcher shook his head sadly. 'Be honest Quilettro You're an honest man

Gullerno fred to argue but he was hordies and contentment is the most feeting of

Just don't hurt him, please." Quilerno

walked to Christian, who stood passively Christian's throst Christian gasped 'No. Christian said, but the word only

Yes." the Watcher said. The road crew watched silently as the Wetcher led Christian away They did not sing for days. But then Guillermo forgot his

in the city the blind Watcher furnished

the crease of his paim and wrote. What do The blind Wetcher launhed. "Have we

Worthers. They were secretive mon who supervised a system that needed little

nearly everybody happy it was a good syschines, here and there it broke down. Here the person himself, a Watcherhad to rottoe For many years the best of the Watchers

was a man with no fingers, a man with no he needed-Authority And he would find

For there were still a few people-one or advert to the system not bear to have it. Evertually when the gentle marrings

ness and set them back into the system. wint out Wetching The keys of power were plazed in the the system they had to presence. Were they

scrrowh.i? I am." Christian answered in the moments when he dated to ask hinself that

garw old. And family the other Watchers. knew he had once surg magnificent served your time, said the Watcher with no Christian raised an eyebrow as if to say

form, but lacking reather money nor time he

found few doors closed to him. He wandefed where in his former leves he had once he had once known the loading enfrance of every restaurant and poffee shop and procesy store. And, at last, a place in the woods where a house was falling apart in

and a poly made him realize that it was songs he mounted inside himself, more because he couldn't remember them then

As he set in a corleg shop in a nearby

latenagers who played the gutar very badly

not musicians and certainly were not Mak-Christian wrose on the pad he always carned, and showed his question to the

boys "Where did that song come from?" "to a Sugar song," the leader of the group answered. Tr's a song by Supar

Sugar was a guy who worked on a road

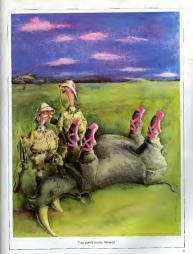
old man to go away): 'Aren't you happy? he boss were at a loss for an answer Sure I'm happy I've got a good job, a girl I

And snother boy said. These songs aren't sad, mater. Sure, they make people

were writen by a man who knows what? He sist knows Just knows shafe all "

And then the leenagers turned back to their clumpy guitars and their young untrained vorces and Christian walked to the and because he knew when to leave the stage. He turned and bowed just a little In somme he did his duty in sorrow he lowerd the straters. They didn't notice tem. but their voices were all the applause he needed. He left the ovation and want outself anging. But it was just the last of the wind coasting madily through the wires

> Christian thought he had recognized his VOICE DO



MAGNIFICATIONS

Mysteries of the miniscule seen through the eye of a scanning electron microscope. Science fact looking like science fiction

BY SCOT MORRIS.

time and becomes a futurate alaire, remitant-report cace, age with hashes become Derolepaque insurrooms, typ-ring page (cole like a replantant road map. This as the manishes word of David Scharl, when lives called the Areal Advanced Limes space of and whose photos Advans trus described as "absolutely wonderful." Scharling peophole is the

CounterDockwase from below MMs on the mitch of a remain, from your of counterDockwase from below MMs on the mitch of a remain, from your of counts for heading about, or however, and the property and p

PHOTOGRAPHS BY DAVID SCHARE







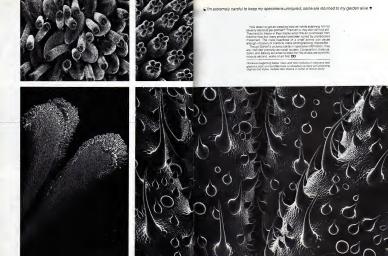














Troper that year nothing serious, menty another case of an instructed American, good for a laugh at the discos that evening after the votes had been counted but a maistance nevertheless to hose authorities who had to deal with it stong with all the other problems of Evening Time.

"Mumano 2871, Monseur Goodman, Alexandre, yelled the registran strong befind the long table on which needed the woking kit, the pies of unused ballols, and the

billiot box field.
"Moneyar Goodman, Alexandre numero 2871," oned the second-official making a note in a register and handing a ballot to the red-faced isem-distred gentleman who

ing a ballot to the red-faced semi-disped perflaman who alood before han directed in bud ringdise white linen. "Lesten you, docured a runcated Mr. Goodman with some difficulty (funch aboard the dear Aga's yacht was always so lipply makings." I wanna ballot in English, ya hare?"

"Conseent, Monareur"
"I said I want two the hell with it ye reux refer on angles, companies?

wingsee, conspanses, on mail past an Angleterre, on ast an France maked the baffed legistal with a politic similar Naon vinn, them out one, least, or least, which will here Mr. Goodman warved this ballot vigorously before the noise of the objects, and angles, past fearons, visit conspanses? Creat mon right. An impairm marries are from those, standing in An impairm marries store from those, standing in the constant of the control of the control of the control of the constant of the control of the control of the control of the An impairm marries store from those, standing in the control of control co

"Givestice qu'il dit? Son accent "Si je parsprende bien, il veut qu'on lui dionne un bullo-

Mass to repoles?

Mass non, o'est on gur ngoie! Altendy, on vis voir Furning to Mr. Goodman, he said in that fusion Dutordsociented finglish that so many? Percohners possess and yet are so loain to use. You are indeed a Franch obzen, st?

"Course Larn, replied Mr. Goodman straity." Yen years.

now."

"And you wish to cred a balks paper on smikricam?"

"Out due now you comprehen!"

The mayor two aperts on period and a gondarme had been although by the noise.

"May died implements by the noise."

en Francis, reast-ce pas? Par otérasion, quo, on viola en francisco, viola voyat ce que pe seux ches?
"Mass porti ensal Mr. Goodman passionately "In New York, they got Spanish bellot, in Cattornia they got Spanish bellot, espagnot, sexiny" (In their right, stews execused i saw with mr. portic, this aid. American)!

"Note: expeloe de salaud" shouted the gendame less tolerant of lotly "Non, replied Mr. Goodman, fording his aims with

dignity. Te did bu, "agreed the gendeme A whelle was blown bown thate surges in the scenn fruint-bown thate surges in the scenn fruint-born or see and set, and preceptly Mr Gloschman and form was clarified to the near of a surreli (see, which makes the set school to the second of the second or seed to the second of the second of the second of the second of period to the second of the second of period the second of the second of period the second of second of second second of second second of second of second secon

ICEBACK INVASION

BY HAYFORD PEIRCE
"Give me your tired, your poor "Russians?
PAINTING BY EVELYN TAYLOR

The two border-patrol agents of the lim-Going to lose that arm, Pacific?"

use knives. The doc says if II take a couple A nice deak plo sounds pretty good to no devices. "So what happened to those

that shotgun started blasting Padillo scowled outlandishty "Did you

Messy about Well passion me all to hell your honor

Okay Okay I've got it Probationary of-

closs it O.Hinra?

Only when I laugh pall only when I Well, hold on to your sides then. This is really going to treak you up. The six grows against us mentions little things like assquit, bettery elected use of force, upwar-

So it's our asses that swing huh?"

It is the end | amounced President Mar

gause of race, color creed, or revolutionary

that no union problems are about to arise " Chief Running Clubloot first and last a presidential supporter. White man takem land belong Indian, massics pas?" and re-Gentlemen plassis implored the Pres

rdare. "Gentlemen? Man?" rried Servetory of Entercement of Women's Constitutorially Guaranteed Equality Elga Heliogabakis minority but powerful Le's Begin Perty.

rected another bell transplant, dear?"

Beast muttered Mr laPrine, turning for

€This is the most egalitarian army eyer created it consists of 51 percent females. 47 percent males

1 percent transsexuals, 1 percent transumetrine 4 noment lesbians. 6 percent gavs. 7 percent criminals 9

WASP of President Martinez's Cabinal The end of the Republic? recessed The army, snapped President Mar

Cyrus Openhand, next year a defense budget is some \$950 billion?

tribon dollars a year the entire armed you -- is currently 348,000 effectives? Total On the other hand ' portled out Ms Helogabalus II is an exceptionally well-

Overnding consideration even suggested Ahmed 81-Ali Figures Ms Becretary Happiersen?" "Certainly" she replied prougly "It is the most equitionary armed torne ever onefemales, 47 percent majes, 1 percent 11 percent beservial, 14 percent handengle and 100 percent unionized

'An' how many of cless burns is combas ready* inquired Rocky Knucks Kowolski

the United States of America could held some 27 000 battle-ready combat troops?

Mr. Kawoiski nodded thoughtfully but cartifude. His messive pay swung majestcally around to confront President Mar-President Martinez gaped. Why wher-

Charles "The Fighting Eskino" Ruben We, an excludge at forty-two. And by a Major two hundred votes just-

pled sacket together straightened his col-

"But Make" enuncated Charle poncome from? We already counted the gay vote the mens-liberation vote and were

you a landstide margin of a matter of thirty or maybe even forty votes. Believe me Charles shook his head in balling awe Forget? Forget what?

Maxe Listen to me. What are you sayung? Do you take me for some kind of a

-oartify 367 votes from the Systeenth West Sub-Division E. Polling Station Four

Sewenteen votes for Silva, three hundred

from hare to the furry ferm end.....

Poling Station Four is the Juney farm?" Mertally Relanded, said More smugly Charles inhaled alouey and profoundly

his eyes glazed. Suddenly he exhaled with Maxis, he pried stappening Maxie with a blacks. now Local t Now Light if You mean gardeners and the guards and all of the

and like they're the ones that wated for me. Right, Maxie, ian't that right

rule in the turny farm is who has paid

The distinguished Judge could only SCATTLE "Ye sound like a motorboat " gold Missen down in LA since '76 or 78, somepin like

Sure they have They get the hospital statis to our voter-education plans, and address and stranks to centry that this one form, if we see what I mean an appropriate

And this is lega? Not like getting out the "Or course it's legal. An I they got their

The Judge fell into deep and sumber Year I suppose now that I think of it voling these days " Charte a tone of voice did not carry absolute conviction. Another

"An high!" remaind Manie "I length solid his bosom for some minutes now 'But Macon doesn't that mean . Her these

For chrossake Charles' snarted Mess. "Enough!" shouled the party secondary

"You will have us shot Dimitri Andrawwort?" smerted the director of state

your heroic labors in aid of the clonous the cases of the anti-impenalist struggle in cistant side of the Unit Mountains

The minister of consumer planning was suave, eager to expunde memories of

of 54 million left shoes produced throughout the

shoes whetenever 9 Somewhat later after the former perty

cabin deep in the trackless evergreen forests to the ened of Lafor Baskal, the foreign minister cleared his throat author ratively Actually commades a pertain er former

Consider. The Furnpean Common Mar-

name force in the world. Our Warsew Pact alies are been drawn respectiving its ruble after bad is poured into a bottomiess. redentists have declared holy war against the Communist infedel, a million of our

agents and comrades to slaughtered in And finally, the United Stones surrounds us with submissions with cruse mission

weakens, its economy grooms its morals Union as it was twenty years ago. There

That gost-belouted Resolution So?

sion of any right shoes whatsoever that sisk yourself this, dear Iven Mikhalovich By And of equal importance concluded

"Fifteen years ago," said O'Hara still atplug on the border patrol and let every

"fou went? In Onrida?" manyoled Padillo.

Sure was Don' a sweep through the League of Mexican Voters-and and this the priors, cause they be losing memberfigure they won't have no one to boss

"Last it on pretty thick Thear prompted Padilo O'Hars snorted 'With a trowel pal What note 'says he by what note does hard working imigrams? Possibly, it isn't figureon. Does this dony them the right to their families, the right to be free from strack

by jackbooted authority?" O'Hara's lice

there I am in court listering to their million

starly at the memory

Yeld then our guy he says, 'But 'Nou' thence all trase fee like boys is doing is through our yelds fee law of the land weak through our yelds fee law of the land weak regard control show? And or by the definition therefore yell a supposed to come introl land our land of the come introl out were and cedablish registerers, and out were and cedablish registerers, and and all from our encounter and suffer page who see palaying flegal of it from these good were not considered to good with an early value mind you and not one of the considered out of the own a given could four those or and response wow as given could four those and response.

"Near so rifer a bit more of this bit voige who leaves which side his bread is bidered on cornes to his discourse-marine by that arrice by the appreciation of things, the confinciants were down proteing living the confinciants were down proteing living body on the confinciant of the confinciant body on Cod a given with second make body on Cod a given with second make port, who showed to ask them for any ident filtration whatseomer meeting the second pages on the Moscotta and of the the top dumbinisms who is stilling here. When the confinciant of code in the top dumbinisms who is stilling the confinciant of code in these has state of California of code in these has

cinnous (Joseph States to look him Moso-

care a little light background music, maestro, and the case is hereby dismissed Path*

of August 17 in three disposited summissed patient steed of processive first in the chapter growth of Social English of the chapter growth of the Chapter

and Lost Pivilir a few mises to the sectifit the three specially exapped long region Article CBMs was off on the sewen frunched mise haut to the capital of the North Slope oil felds. Frunched Bay One would disappear forever with all hands allocant into the dopths of a since creviose, but the other to would successfully invested the mysal hazards of overland trevel within the Arcos Cardle to seach that goal.

'And their was Christia Instit'

"Yup, and that was D Hara hinself in the if flower of his youth up there on the wieas stand what got that son of-a-batching wilcon-dollar shyater so med he could artily deade whether to poop or blind.

The Judge strikes the whole thing off the record. he added sadly Tmy one chance for force.

See here I am so on the stand and life lakeyer is going at the preky good go stagoing here and paraboding their aims all that and hardly the days So to me ook you. Officer just what it is when you seek those here innocent brown faces that makes you show. Officer that you have though the innocent brown faces that makes you show. Officer that you have thought officer to make those outsignous and unconstitutional domands that's what her Court would like to know officer.

And he chase infinitel up and occlos in ear at me and his shoot at the judge, who is earling this up and gate ready for his next spench, since obviously this son La quadtion works any anowering by come dumb. This offices, and a mick to base! So just as he gets his yap open again markin is start shootene another line. I holds:

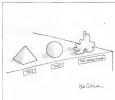
So just as his gete his year open again neady is start blooming another his in holds up my level and sayer. Usel a minuse have, and their Bewelly Hells shipsing to so suipreed sence no one in harry years has even teld him to dente he justicially obtained that minute. And delegions in the columnom is looking at the low it mean ready looking over the Messe. He they rejust assing min. "And I mean the heart on was call cust mo."

walks and illast to leaf through it all though as all through and the control of the control of

Well Counselor I says. I must a poor country toy will not the discussion in most a space of U.S. often no him; at a part of U.

afcare) if says. "The law regards you be have this confliction in your personal possession at all times for identification and to notify your local board of any change of address."
"Now by this time the physien is jumpin

up and jumpin down and hodin and hodin in and ration and nown and the Judge is pounding his good and I'm gronny the just-down bugstands lake I can hear ally of the hodshaft at all and I'm alying. And it seems to me Counselor has it in nativeseems to me Counselor has it in assistant native-born US distants and all his groadplast is native-born US distance and the hear US critism speaked, land law-abstrip and pays in stateast and up in the atting and pays in stateast and up in the atting



are about two hundred yards from the Mox-

"By now the judge has broken his gave! he's banging so herd, and he's velling. sort of pop-eved and muttering. Obsection. objection objection, and about half the

documented workers and start working So that is what happened. Padillo. Noth-

"Send them back? guclamed the loreman Tusten Balley you by to send them

up old dodo, and they also happen to be

in the traders gasped the production Well where eite? It's twenty-one de-

old ladies been running things doesn't "But they could be spess," said Balley Spens! All you have to do in-en shake spies Hell man, you never aww such a

bagan to bundle firmself up the acided Did you say three-day watno list? MacKenue leaned forward and wrived see Next time you come by these luces I

knownely 'For chossakes Mr Barley they "Well what about those trailers where are breaking their contracts and agram

regularity should be reported to the government. huh? All this talk about how "Ckey okey! But what about these sw

are there enough roughnecks of ah rethese curs are roughnecks themselves. speek English, a little furny sure, but still You're suggesting If tell you one thing Boss you won't have to pay them no union wapes or union benefits. They I work anisation for any

thing just so long as it ain't Siberia where But you se a union... So screw the union," said MacKenaie congresses "We're gettin is bonus based hitch without gettin any of that borus "Nea I take your point" Running his hands through his frinning har Bailey

here? A Inflion miles from nowhere Estomo village to help them chow whale "Humph" Barley stood up "All night

For otrospice were at war? No? Welllegal Mesicans and Letin Americans and Her Durblint I easily for the INS on member? I said. What a new? you fre reason we only got forty million

ngit?

be out and I'll be outsided. So what a What's type? Jases 18 tell you what a

instead of maybe one hundred million is Well does a bear poop in the woods for

they can now also vote here, even though "Why dio you think I stopped voting? Why from this state alone six of which can't

speak English, but that don't mater he braceros are up to over on The HII Yeah II remember all note Pacific But less I said lospacks?" echoed O'Hara blankly

Ded you say-7 O'Here stopped as "What I'm looking forward to" said

of Militoris of Hispanic-Americans is gorna

But where for christake? It don't make

Baring Sea, it's just like the Rio Grande

things. One shayre liesing the oppression secked czar gave it away illegally to the

And get this: O Hata every one of these ging companies and the mining comthe broads are young and beautiful and

for room and board and a dollar a week.

cares. Then it am t an invasion no more, is O'Hara shook his head numbly "Well

Padflo strugged "Maybe a thousand You naticed many border patrols up in

So what are the politicians doing about Padalo grapped broadly Well now Agent teps on the other's shoulder. That lends

"It's election time already?" wailed Judge Charlee The Fighting Eskimo

Rubanston. Usez it seems like only yes-We're gorns have to be doing more than rust counting the land vote, said Maxie-

Maxo? The Judge lowered his ample chins

tap on the chamber door and the court Sure sure be right there! Judge

Ruberstein climbed porderously to his lest Think on it Means think on it.

"Yeah. I know what you mean. Make, but there. That Russian losback case

"loeback pase?"

place. That is what liber to askupp for at any

nate but I there they'd settle for just the right "Well I should hope got!" evolumed

Well one Moon I know they re myluly

useful and all that but there's an awful fot of them around now you know like maybe a

Two hundred thousand?" echoed Maose

-and they say there's an early lot of these big Russians carrying gurs. you

know, not like humang rif-"Charle boy" said Move, eyes peering

Why do you think

we got 27 Mexican congressmen from this state alone swot whom can't speak Fnotish?

It's so President Martinez don't have to get out

his dictionary.

duties of sudges negretations immorante? you like to become a United States senator

Look. Commissioner I don't care whether you think! been drinking or not. I'm telling vs there's fifty thousand Bussinits it becomes upy deep no nitra a property

Well where do ya mark they're gonne at except in the street? Sure the traffic's

New they're peaceful all right, singin on femme look. Yeah thay're all about how California and San Francisco useta

man Hiff Hold it a minute oh it's himself the Meson I mitalising to now in 82 Hold at Mr. Yesh listen Til repeat it

Just bewere Mr Mayor

Be unfair no more meyor

"Er ves Inspector Balara I, or call the National Guard, how many did you say were, or demonstrating?" over a six-block area

"And they all seem of an young age?" "Oh, was six all of voting age Tisse Tisse Tellime Inspector Houlitan do you think that Russians can at yole.

"Gee, st" said Houlihan in what he hoped was a soothing tone, "I think these sains but I guess you'd have to ask the city attorney about that

"Has arrione noticed" inquired the chief operation officer of the wainuncemeted deed, the ertire North Stope helds and Alaskan papelina are new for all practical purposes being married and maintened by some twenty thousand Russian work-

Hult?" said the chairman of the board, a refired general straight from the Joint Wall reely, frowned the president of Train () wondering how soon he could de-"You don't think it might be possible to www.such a situation as a kinfeblade held

The charman paped blankly while the

Will, leaving at these emotors/-type president for public relations. What's the

"Production is up 26 percent" replied the VP for accounting internal, confiden

Up 32 parcent on gross, 47 percent on "There's your bottom line, gentlemen." Does that mean a bigger dividend? in oured the charmon with that charmon naware which had caused his election to the boards of forty-seven major inclusinal

"No. sr. e much larger dividend" Well that's good, ign't 47" beamed the is good for the country lan't it?"

"Yakoow Charles" mused Maces "Theen. thinkin. Thinkin' about you bein president

President? canned the supply secretor from Alaska. Charles The Fighting Eskimo "So why not?" asked Mason reasonably

ugacy of maybe a milton Russkie Ameti-

So the next step, and its only logical Bussice-American obzers what ain't yet

My plan Wadene Vasiyevich | growled

ter of hydroelectric power who had althat the director implit overhear him wating for has arrived! The orders have

the pipeline will be sezed at noon the capitalism they shall appeal for fraternal and trategoal Red Armyshal - He want on

'Jeez ' whispered Méhai Nikolayeynch

And that new washing machine !-

Sergeyevich glumb Look, we already got some fifty waty mil-

cluttering it up? complained Alexsey

Isthead* she yelled at the speaker KGS

Knock it off ve tuckin broads ad

The Benna Sea is sust like the a little wider and a little colder.

across it on ground-effect machines and

ennumnhilps skips and trucks. 9

monethed Mr Kowalski. What's da prob lem now Sefor Jelly-Belly? signs ready to revolt all over the Northwest

Kowajski. 'No Russkoff is sticking Mrs. Kowakick Wife boy up against no wall. Do deep into the guivening breast of Defense

What army?" wailed President Man-"On yearh data right I forgot. Mr Ko-

Estaban Guerrero "With one dissenting

llegal unwarranted unjust discommutory

Comrades! It sust came over the racio!

do? sobleed Arma Perrovna

axic as he burst into the emergency see:

man. Texas has seceded from Monco? Pentagon -

They so what? I seem to have maun-

ing station west of the Rockets. The best Provident Martiney looked presymbly at

"You do? How strange mused Press deal Martinez. But why would arwone

Beens me or replied the side "But I



VISIONS OF THE COSMOS

An exclusive gallery of Soviet space art offers revealing glimpses of Russian fact and fantasy BY F.C. DUBANT III

comonauts Romanerko and Gerothio outred a special cargo with them into opiestal orbit. About Soyar XXVIII were two penning by Plassa's townout space ainsy. Andre Sokoto. The passings were gousted on confidence cardiocard, measured 47 centrelates by 30 centimeters and weigher 310 grains each. They were transferred to the orbiting space liaboratory Salyvif, there to become the has of orbiting as exchange in white the second section.

come the first orbiting art exhibition in history.

The cosmic art of Andrei Sololov beginning clockwise from below. An early penting entitled Soft Landing on the Moon Struttes to Space Station in Otto.

Liveral Seas Flander of Cosmics Services Royal crinift, Landind Spaniek!

PAINTINGS BY ANDREI SOKOLOV









Socialized a partiting latter sharrest to earth because Soyau XXX multiple 1787. Thirded 1745 is pointing to do been seen adult, the satest presented one of them to their born proposal for some proposal proposal control of the statest and proposal social proposal proposal

salarisis from many provided by the gree.

Since Spotters! A inche Section has described his professional life to similar concepts of the cosmol. He are now numbers more than 150 persons and infectional his statute consumpting spice salarisis processed infectious. He statutes consumpting spice salarisis of the USSR and USI as well as future encourages with planets of flewfill stalling systems. Socious in the physically one so refer at burst and open stalling systems.









ertial former motorcycle raper whose boldness is reflected in his art. Swining was horn in Leginorard 48 wasts ago and prowup in Moscow His lather was a construction engineer prominent in building the Moswated by Ray Brasbury's Fahrenheit 451 more than 20 years ago.

Washing general from the book, he created a number of parkings, his tirst in this pence. The artist has presented one of these to Bractury An amazour artist, Lieonay sketched views of space white in orbit and upon niturn sendered them in watercolor and oils. Works of Sokolov and Leonov have been published in four art books in the Soviet Union; the most recent is Man in the Universe (1975) Moseowic collectors of postcards and some 20 Soviet costage stamps carry their art. Through his close relationship with Leonov and other cosmonauts, Sokolov is



Shuttle to Orbit









acted to seep (Selector of automation in space encountering the first personal locally free in 1976, the Sowerlapace and the manned Ramin El Laprosca. Locally free just work in an artistific study registrical in 2 Journal work in an artistific study registrical in 2 Journal work in Laboratory Savoral (see 1975). A study of the Source of a 1975 certified of US gases and throughout Plugges In reschange a Bowell space at throw was adopted of the Source flagges in the source of source of warrier of Space Misceron In 1976. Included were 14 works by Selector word Space Misceron In 1976. Included were 14 words by Selector word Space (see 1976).

Internal Update the examplets of the commonse, the show board in the US for 86 months. Both what he was donated works to the National Art and Space Museum CO.

Mach of Sciebbys an fair new over published in the US connections and not store Apole Soyar Pandedouse in Otto Liseach of Soyar ACM Treams

floor above: Apollo Soyuz Pendonous in Otto, Leanch of Soyuz XXVII Prenns the Atmosphere of Mars, early screepe communications satellite Molneys XIV.

Sokolov describes the immensity of the cosmos as "swesomely unknowable" ●

NO FUTURE

He could travel through time, but he could never return to the place where he started

BY JOE HALDEMAN

assists one algabits such a few of assign to keep to be a few of the property of the property



PAINTING BY GOTTFRIED HELIWEIN like apply bathos, but turned her down

little more neatly than I, in teded work

"Pretty often " he said." When my chisck

'Used lookeng who caree?' He appurised On how I shought a fortune-teller Menhs

He thinged at them and stand at my face. Year, I could tell by the eyes " he

"No. Used to be a teacher. Which was

boats twenty years. When he picked up shake of a contimed alky "It was good tape recorder. "White was it made you alon

"No. Who drank in the eighties?" I didn t

'Should be I know -- you're a writer' When I get work week How pould you

lished its too tartastic

Gaddis it used to be I detect a note of reproof. As if no med-

co ever...Well no I was an academic

on grounds of mental instability with my

6"Don't they teach you anything about relativity? If you get up from the bar, go to the

john, and return in a moved thousands of miles But it's still here. You're

on the same track that's at ".

Strong He starred into his direk and swried (taround Theyer know how to start

All right I im not from here.

dank down. Was I'm sony Go on You'se right but go on You don't set

He set the dank down "Lauman's error

Many 1 He smiled and took a sip. "I'm a That usually takes some explaining

"And the lutures where the glass wasn't "Doesn't it get sort of growded up there?"

I was trying to think of an angle in goof-

'How the hell should I know? I'm sust a none Temporal uncertainty principle. Con-

He shrugged "Something work wrong tripped over a ceble. Happens

"How could they? These are lots of fu-

"So you can full your own grandfather: I "Why would I want to do that? He's a most

No I mean there's no paradox in

plaser you get to the present. Like com-

He bissend at me. "Don't they teach you But I'm taking about time, and you re-Inform about space

what his con was. Maybe do a one-pager

"Couple of centuries of medicine" he

Looked like I was going to have to push

a millionaire. Knowing where to rivel it and that easy I find I should ha well enough alone. His drink came, a

Property is wastern in said. Not so possed to drink is drop of liquor. People by it all the time: there is no it against it. But put yourself in this posses You're going to deliberating stand yourself.

on or capitals aby and storry from constructors?

You could take gold and dismonds

Sue But if you can afford that—an
time taxe and often either why not in
well it in your own present? Remorable
once you materialize you aren't nyour ow
past anyonce. You can never sell with

pad arymore You can never left what might have changed. People do by it flough Usually they take godgets. "Does it work?" Who knows? They pan't come back to

Who knows? They can't come back to tell about it.
'Couldn't they build their own time maching, go back to the future?
'Aren't you hearing me? There's no such

Isrwass, there is no way you could find the night one. Somebody came into the bar I waited until the door eased shut multing the halfur noise. "So what happened to you?" You

nose "So what happened to you?" You made some but development?"
In speake Bearned like a surething Let me explain. Where I come from white it body lives on flush, yet calentains and the limit travel people. It's like a big park, a big.

body lives on Earth, past carefailers and the time travel people its like a big park a big imposure. Most of us her or others settle-

I really was a history professor special ing in the history of Nichrology I stand u y croney to go back and sen the first firgi the Moon

That waken 70?

No 69 It was cluming the launch with the accident happened. Noticely into the accident happened in the condition of the first two modes utilities and to walk shough someone efferies.

Fortunately this will a time when enjoyabily diseased as threy damns of the conditions of the conditions of the conditions.

arybody dirested as they damn in pleased, so my clothes distril look as payly cultageous. I burnfield my why did to Homested and picked up some visiting formations that hand of thing. So up recuigh to get take IDs made up a basily with basic to school and wornt basility with the properties of the second of the basility again. Manned story the way

suity wint back to school and worns bearing again Manned sleep the wint. The ere who had to put you in passurgat. That's not, then you will be there was one sum thing to missel in it space. My wife click it agree but freen in no way? I could tell her why I was so say. I were a had and my wasted here in I were a had and my wasted here.

space. My who clich i agine but there in one yot could be her why I was no sun. I went when a did not revealed hooving agreem indistricts—maily howevy boying the margin wheeling depling—but in wheeling depling—but in which whaught is was all going for a consistence of the particle of municipals. I eventually a particle of municipals I eventually a particular and wrote up annual imports to she her.

"I think I see what a coming." Not a bad any Yeah. The Sowel American Orbital on-Proliferation Treaty, the goddamined my Licine's past it was the letter satellites or ended the possibility of nuclear warever. They limitly sonapped the missies of began showing screen tables." "Well you can titlers we re in any danger.

of nuclear war now. Not restitatedly.

Yosh Tifled our way better Anyway 5 if bottom deopted still I had to tell my w straw who broke sinclin debt I had to tell my w that we was broke sinclin debt. I had to tell my w the everything. I (hought I know her brown the my will haline. The media so

ty dovous Sponge boats "Right" He took a long deek and stated exactly into the cloudy mirror behind this

recody no the coudy have barried inc.

That's it? No scam?

That's it With A up. You'd power well it."

That's if Write if up. You'll never sell it." I checked my watch. Could just make the

1.26 to Atlanta get in a half day at the typowriter. Well Egotta run Thanka for the story. Bill.

I Monday and put the band on his about-

no spring photoin allymoni Sure. He never looked at me On the way to the subsity formulal if ocoursed to me that I shoulds I by to sell the

thing as a human-interest feature. Just write it up as feature and i could have it to a Phresi Service or one of those rags. The total machine gave me an angument about changing a hundred noble.

note and hadtogo find a conductor Them there were expans going on and if look us wenty minutes to get to Atlanta. I had to apret to make my Seattle connection. Space settlements. Time Inswell, Nobody



GALATEA GALANTE

He created the Perfect Woman with one little flaw designed into her BY ALERED RESTER

the deriver on in the nostalgic 2100s, but really too youth vintage (orca 1960) English motoring cap with the peak leveled on a line with his brows, masking the light of lunary in his

Dead on a sixb. he might be called distinguished, even hand-

He will carrying a mini sound-carriers that looked like a crowling spasming, globaring monstreames sofitated in the commentary His voice was recognit for remarks were not "Ah. yes. the Mellahix besidek, so the sign assures us. Black and yellow bod of a serpent Locks like a Gla-monster hospi blindfold its eyes. Conveys the convection that its plance will left "And the Hyades hydra. Like wow Nine heads, its per mymod." tradition. Looks like a convented puggs. The Meyers argue That seamstress has access to every damn snake and igsed in acms that -- but her ablohing shows to any eye Caroous cerberus. Three dog heads. Look like oversized

Chihushuss Mashif bod Rattlesnake tail Ring of rattlers around

the wast. Authoritic but clumpy That Telas women quot to know

you can't craft snake scales onto bound hide. They look like on the Right color Te-dash! Cohmustice it's classic Eagle heat

authentic dispon's feet teeth Look like implamed sharira. Lan bod Screening tell War der how they produced that red-eyed effect. The Area assist Wh. build call that poster over the Sinus sprivox britiant theat

Because if you do give the correct arrawer as Deckgus four and my shack, my business is shipty greative genesis. get it to variet those flames? Some sort of catalytic gimmick in th showcase are a lovely louch. Daren good theater Again, o problem. They probably grained both and substituted a neutral surrogate. The Greek looks happy enough in fact, damn smu-



What have we have? Addisses second complain with gallari natival last but and with the virgin who captured it virgin give being the only lights that can solidate uncome lagand sales il though nawholise wincome. They may have bought the task from a waking-stake maker. I show virgin an red select. I make virgin every moth, purity guarantoid or your money back. "Med a Space around Lovely gift Blesshull She... But datem my vives their or man descriptions of their solidation of their She... But datem my vives their or man descriptions."

the hell is Sandy clong in this gusting circus? Naked in a sho is an outrage? He charged the showcase in was given to basines of buy that has habitated exagging and calls

ten habitate exesponated calant, 19th deep connection was that it was no dermoy exconnection was that it was no dermoy exmany which was the right way.
When has and released at the expone wolfs, which gove but did not break the case
around which for entitying destruction, then
to caused it is the otherwise unabled gradeout or
surround which for entitying destruction, then
to caused it is the otherwise unabled gradeout or
partial field around the proposed of
partial field around these cases of
partial field around these cases
and a facusment of most gradeout arriving
and a facusment of most gradeout
and a facus most of
partial field and
partial field
partial
p

ng mere in the rins pass

"Where's your hosband?"
"For God's sake?" He pulled off his cap, revealing pale, strately hair. Here cover yourself with this. No no, girl downstains blea an arm for updates and hide your rear.

elevation against my back.

**Au. I am not predain. I samply will not have my beautiful creation on public display Dyou think I—I he turned breedy on these security quantitude to grant mand brandwind the housy brass cylinder. One more step, and I let you have it with his in

more step; and let you have swith this in the syse. Ever had frozen systable. They hatted Now look, maker you got to—

I am not called "inseer" My degree as borning which means master professor I am addressed as Domine Demant Mean.

wright and i want to see the owner stance.
Immediately. Here and now Solorti Immediately. Here and now Solorti Immediatements' Mr. Salum or Mr. Phisek a or whatever!

Tell him that Domnie Regis Manwaght.

and disease by Cort Nov be of with polbid blasse by Cort Nov be of with pol-Self Cot. Moving by good and at the withinked speciation. You bridging the cotoo Allod you. Con within the cort rights. The Sens show is Vapor.

As the crosed distribed back from Menweight is fully, an amused gentleman in poly unlikely. Meetable cellular, evening stand Sens of Modifications. He stated show of the Sensitive shows the sense place of the shoulders and of the processor.

lered it to Sandre "You must be cold, medamo May I?"

[Thank you: Masswight growled "Put it on Sandy Cover yourself, And thank the

is "I don't give a damn whether you're cold to or not Cover yourself I won't have you panding that beautiful body I created And give me back my cap."

"Women" Manwright gruntbled: 'This is the last time I ever generate one. You sleav owe them 'You use all your exportse to cheate beauty and implant sense and sensibility and they all time out the same limit torsal. Women' A race apart! And where

bifty and they all turn out the same. Imaaxia! Women! A race apart! And where is hell's 50 Phantastik Phresis 50?! "At your service, Domina," the gantoan grated."

"Whist? "bu? The management?"
Indeed yes."
Th that noticulous white he and tals?"
"So sorry, Durrense. The costume is text-

statry Damese. The costume is tradifor the role. And by day I'm required.

 He beat and clawed at the supple walls, which gave but did not break.
 He cast amond wildly for

arything destructive, then... grabbed a fire extinguisher and dashed back to the Siren 9

to wear hunting dress it is grofesque, but the public expects it of the ringmester." Hendel Whats war name? It is the

know the name of the man I skin alwa "Corque" "Cork? As in Island?" "But with in CLUE"

Don' As in Island?
But with a O U E
Torque? Cor-low-ex? Manweight is
eyes knolled "Would you by any chance
be related to Charles Russell Corque, Syn

"Thank you Domane I am Charles Russell Corque, professor of extratemental and mutation biology at Syrtus University" "Whet"

"In that preposterous costume?
"Alas, yea
"Here? On Terra?"
In person

was going to make their clammed feedous ing to Mare just to rap with you. "And I trought my carby to Term hoping to meet and consult with you." "How king have you been histe?" Two days." Then which haven't you called? "Setting up a circus show takes time online i haven thad a moment to spare" "This monstrous fakery is really yours?" "It is

This increases stating is easy years.

It is a property of the property of the

bes to allocate an adequate amount hard? No I suppose not You re in prival practice and can change giganter fees support your research but I'm farced inconlight and openate the orross to raid the money I need." "Noncense, Cosque. You could have pa metic day of your halloart decovering."

that fartasse Jupter II methophytis, for instance Gournels call it. The Garymode faulte. Dyou know what an ounce cells for?"

I know and freme are discovery rights.

kinder university contracts my clear Domine by contract the cryates gar to Syntas where "Professor Conque's smile scured—"sheres they are seen on such studies as Hernodal Table Tenns Domonal Chindration and The Light Verse of Lappold von Sacher-Masoch Manieloth shock his head in evaporers.

bared down a dozan unweistly offers, and no worder. His an europe that you should be forced to harmlate yourself and.— Ustan Corpus I we bean stying to get the details on how you discovered that Garymede metrophyte When will you have some time? If thought.— When will you

staying on Terro?"
The Borrells:
"What? That fleatage?"
Thate to economize for my research:
"Well you can economize by moving in

with me. It want cost you a paint I set got plenty of room and II But you up for the challenn, with pleasants. I set generated a housekeeper while I sales good card of you—and asther startle you. I their. Now do say yes, Cosque. We we got a helf of a lot of closopsing to do and I we got a lot to learn the company of the company

Titrik it will be the other way around my dear Domine?

"Don't ague! Just peck up get the hell out of the Borealle, and—

What Sendy?
"Whore?
"On, was I see the rat line.

"What now Manwight?"
"Her husband I'll inouble you to use estrant on me or he'll become her lide hus-

band."
An appointe have into view—sall stender elegant, in flesh-colored SkinAll—with

chest arms, and legis artistly padded to mach differentiation, and the origination of machined occupient. Marringhi, judgidal the consumers enough as though origing in the large in diagrossite. He was as offert on the proposers that Corpus wise able to sky the operation of this transit as the specime approached, surveyed from and fall list specie.

"Jessamy!" Manweight turned the into a demonstration

Sandra And our impressino 'Good evening Mr Jessamir

"Manweight I have a bone to pick with you." "Sou? Pick? A bone? With me? Why, you damned pimp, putting your own wife, my

Cosque Mid you bought her et?"
"Not guilly Commis I can't superinte everything. The Freek Foreman made the purchase."

Justiamy Who how much did you get for her? "That is not germans."

That late? Why you padded procure? Why? God knows you don't need the money

"Dr Manwright...... "Don't you Doctor me It's "Domme.....

"You heard me. You sold "You heard me. You sold "How dans you!" I adnot I'm a vilkonere.

"Agmit (?" You broadcast it
"But revertheless I resert a no of!"
"Rep¹ I likelithe man Dont restreamer (III
kell-Look you charmed minty macho you
came to me and connected for the perfect

neast a la trysses Well? Didn't you?

"Yes I did"

"Yes you slid And did I or did I not generate a bedfold miscle of beauty enchantrant and miscle of beauty enchantrant and misclegical authoritisty

ense a cactanio metada di Gosuly dichammant and mythological autheritich, guesnifeed or your money back? "Nes you did "And one week after dalwery I discover my Pearl of Perfection sold to the distin-

in a bizarre showcase. My beautiful face and neck! My beautiful back and bullocks! My beautiful breasts! My beautiful mons versica! My....

That's what she wanted Did you Sandy?

"Shame on you girl I know you re vain that was a gloch in my programming—but you don't have to flauril it You're a claimed exhibitionist. Back to Jessamy. But that

doesn't excuse your selling her Why, did you do it damine? Why? "She was tearing my sheets"

"flyst beautiful enchanting Pearl of Perfection was starring my monogrammed silk sheets, were nit sneedfile booth by transdemaged nums. She was likening them with heir mythologically authorise feet. Look at them. There was no need to look. It was undenable that this beautiful, enchanting Serio.

mere was no made to soo. I was shown made that the beautiful enchanting Sien was hashered from the kneed down and and delected photested the "So?" Manuaght demanded impalantly "She was also solabiling my prifes Darm you?" Manuaght burst out. "You

ecoved in a size in the p ecoved a Siren With bird feet?* Of course with bird fi

bad Haven't you read your Buthoch? Amside? Sir Thomas Browne? Mader of fact yours tacky Sandy clidn't turn out bird from the want down. Ha!"

the west down Hall
Very lunny Jessamy muttered
But it wasn't luck. Manwright want on
Na it was genus My bodroid genus for
creative genesis and my deep under-

cook with the address. What the devil are you doing with that slight-bolking line extinguisher?

What that's the full chimeer. Charles I'm soyn has you can see I'm no ballon or seatements outling up makes extends outling up makes extends home or otherwise, and packing pasts to home or otherwise.

profiles for presences and pascing parts for gether lies you see with those other-love measures in your colors. No I measurepaired one on pure and whole out of the Date. DAS best Mine and all see not believe DAS best Mine and all see not believe DAS best Mine and the DAS of the Second Like any other farmal! "Esconding my deer Reg. and quies overaftehing (but what I can I lishow as your BMA process."

"Copply Now we all know that DNA is ble reservor—"
"NI? We all know? Hat Not ploorly it Some the IT show you the abuse I get I the Scripping hoaks."

The Scripture hearts."
And we know that RNA is the messain service addinating commands to the deoping trispues."
"Right on Charles. That's where the o

mous cament if calle thousany which was softly glowing with ruby-colored under glosswere and leaves (Ny batter must be for mind of the house it was door need in the Dummas demended shife in todgepodge of Progency classes. Glowing Ancer and Paris Bostone Trees was over the color of the state of the todgepodge of Progency classes. Glowing Ancer and Paris Bostone Trees was over

How do you direct the RNA to deliver speoffic commands from DNA to embryo? And

"Come up to the perthouse 19 show

igerly "Hoping we life! in "Menwight laughed cooss between prantia and golden carp

One of my faths:

There is the second floor twenty-five by a hundred Manweight's thorary and study bury walls showed and comment

study four walls shelved and ottomerowith lapse publications and software a rolling ladder learning regards stach wall a geartist calpenter's workbernch contecsade as a deck and piled with studies. Tind floor divided between diving stom (sors), letches and partry (certer) and servants grunters (rem overboking gain

Flourist floor enjoying indemsion sky and air backcorns Thein were four each with risk own divesting norm and bash all rishes so were and montales. Manyinghi regarded steap as a dammed necessity which had to be endured but which should never be tamed into a larvery.

barrier into a latery.

We all got enough steep during our first months in the womb to had growfed to Corque faint well got most than we lieve head offer we die. But I'm working on regenerative immetably of fand on Thoube to insulate all don't earl to play last 1 faint.

perfocuse
It wis a clear plastic dome, firmly inchoose against wind and weather. In this
center stood a glemmening Rube Goldberg
Heath Robinson: Dis Vinci importances
construct I'll reseastful annything it swootl
be a garet politique and twenty for a

wright "Neutrinoscope" the Damme explanac "My extrapolation of the electron more scope"

"What? Neutrinos? The beta decity p. 0955?" Marwinght nodded "Combined with cyclotron I get particular particle willob thee way and societation up to set M. Relations of two mur. Charles, Fach prins

the way and acceleration up to sen Mev-Selection a record Charles Sex in genetic response to a specific cool has a specific response to a specific periods benefact ower. That way I've boon after to dentify, and isolate somewhere in the register Menwright nocided agein. Un-hub Took What? Manwright snorted in dispust

You're into it Rea

But Rea-But maino buts professor By heaven, if Christ in whom I've never believed ever

would break loose if I published I'd be

followed by a skewed hunchback body with organic hands and feet. The mouth

Yes Igor? Should I threat you a brain today mabb-ter?

Thank you ligor Not today 'Then begingstifts its thereod matri-Thank you Igor This is our distri-

quished ouest the celebrated Professor fortable and obey him in everything Yeth match-ter At your therwithe thele-

Not today thank you for bobbed his head turned drapobject rapidly falling downstains. Corque 9

faithful servicer like the Beron's ac-

"Good Bod Charles! No way Never | tall Endowed with soft grace Soft voice.

But but - My dear Reg. this is programly igor's an ideal housekeeper. He does have this brain steeling hand-up. That was part of the original model—and I have to look lightning but he cooks like an absolute I hadn't known that Baron Franken-

stein's henchman was a chef "To be quite honest. Charles, he wasn't That was an error in programming-I do obtain now and then -- with a happy end no

The card came in on the same trey with skoed onions, parsley basil Gruyère, bake

What's this loor? Anthony Wilera Charman Vortex Syndicate: 69 Old Sap. In the warting room, manth-ter "By God, Charles, a copartial round New you may have your chance to watch my genesis from start to tresh. Come on?

Oh, have a heart. Reg. Let the charmen with light's monster looks delicious Thank you, thelebrated Profethor No. no. loan The thanks go from me to

Pics both of you." Norwents contact eyes to heaven, onabbed a sine of tant. winked at Igor and followed, chewing ec-One would expect the chairmen of a syndicate with a severagen-figure CB tale. phone number to look like Attils the Hun Anthony Visiana looked and dressed like a

silver including ribboned peruse. He was very much au courant, for as Corque entered he smiled bowed and murmurad What a happy surprise. Professor Corque.

The worlds an ideal executive secretary. Manwright refused to waste time on cour-

smed 1, also, am criminally solvent 'Good. I hate doing business with com-

Of course Physical appearance? You don't take notes? You are birley Well then Fair Markets Blue eyes Clear skin Stender hands Mrrm Got any perfocular example of the type in mind? Yes Bothcellis Birth of Western 'Hal Vegus on the Hall-shell Lovely

What one would expect of a secretary stering fathful devoted to my work of To your work of course

"Dyou mean clever or neeligent? No Cleverwise requires framor Intelli-

skill necessary for my work. She must be perceptive and understand the stresses one constant battle

So far you cruid here such a cut. Manwright objected. "Why come to me?" "I haven't finished. Dominie She musi have no pragate life and be writing to drap

Available for what? minute parties client entertainment and been charmed into dubious deals by a

You've left out an important point. On what satary will are be reducing? Oh. I'll provide the money for the wardrobe, the maguilage and so forth. She must provide the taste, the charm this will

Then you want a taker? But grily when I want her to talk. Other-Corate whested softly "But you're de-

but Dominie Manwright is celebrated for his "You mamod?" Manwright shot Tive trees

Then you're a phaser And easily landed Really you're entraordinarily blunt A chaser? Well ... let's say that I m artracted

"Would you want your associative secredeste il would want a bezutiful response

Not as all Charles not at all. Manworth soothed. Mr Vallera is merely describing

what all men doors in a woman on Aspages the beautiful ferrore patents who



needly and I welcome the challenge. This orl may be my magnum dous. Again he

Because you've left out the core of a

sudgment, but you've forgotten the drap of

Dominie I do protest I-Just listen. You're contracting for an en-

Now there are many sweet confections that

passa will need a drop of acid for the same You know. Valera said slowly that's nather salute. Dominer. When would you ad-

man the unexpected, the quality that

'And what would that be in my

"How the develoan I tell you?" Manwhight adventure with a women. All I can do in

After a pause Ween and Than you re challenging me. Domine?

the ideal metrors created to your specs. I've got to meet them to your complete references "

And your own Reg? Corque mur The job is the boss. Well. Valera? Agreed?"

Splincid 11 need your Persona Profile

Damn it can't you undenstand? Minwhich was inturated by this intransipence

> Perhaps, but only the Good Lord in her mystery kink will turn out to be. Selah?

fires and drawn to you glose " Then perhaps to your defects, and that

mixed and always available to entertain.

 The usual biodroid accommodations weren't good enough for Manwright's magnum opus ... The red

infant was on the floor flat on her belly, propped on a pillow and deep in a book. She looked up and

out at a week of general for every physical year of the creation's maturity. One week for

After the chairman had left Manweight cocked an eye at Corque and granted

ment. Charles I ve never generated a truly

"Il be honored Reg "Suddenly Corque

crawled .

Manwright hurst out learning "Wher? Nover heard it? Penalty of spending too What is a carrie? Accept A carrie is a hase made by a committee." He sobered Forgive the question Flag Too devicated

What? That? No way! Never! I we brossis are going to be a problem" he

My dear Reg! Please decipher Her breasts Charles Bottoch made shape? Like pears? Pomegranalos? Mal

What was your lecause to loor the other day Reg? A chef is no better than his male

Right on And I'm using the best

Und so wester for 147 pages. Und good

picture. I'll just clascribe the equices I've

and intillary Dad you say something Not | Beg "

Anyman's So I musing Egens instead

Egena the legendary fourteen mymph gift of prophecy, which might come in

It's obvious you haven t met many on the

able race Jews Insefritung orginal cregove obstrate, impossible to live with or That is how you described the ideal mis-

tress, wasn't it? But if your Popsy is obstinate, how can she respond to Wilera's desires?

for business acumen. La Pasignaria for courage Hester Baterran-she was the rrice Mata Harrior mystery What else?"

Oscar Wildel

Why not? He was a brilliant talker, held dancer's hands neck and legs Dolly Madage hostesang and-five omitted

trough the software. It's programmed

Wast a monte. Comun said blowly

Corque was diedging up the words :

length of each track that is-Right Each straight track that is walked.

Surely she II be aiming for Valora? odd husky voice. There's a lamp on a girl girl. But beat when flakes is snown

of wonder and amusement "Confound

tainty that you're programming? You're

wde a less-fran-dramatic description (to put it politely) of the genesis and em-Galante the Perfect Popsy GERMANA. Day 1. One hundred military Florence flash Day 2. Five frankert military Florence Senio

It's A charging too distrin much for flasks (11)

her Too red for my taste. Pouned out of the Reg. Gally must have a nurse."

"She must have someone to look after All notic All right topy She can sleep in hardly my idea of a nursemaid.

'No good, Reg, he isn't child oriented

gypsy crone appeared with begging hand

How's everything going. Searbhean? When PPIP gone bankrupt? That's

Well perhaps I have something for you Manwhork was so started by Corque's tone that he obeyed and looked up per-That old heg? Out of the question gypsy They call em brikers in Ireland

'A little of both Charles: A little of both As you stweet do, but soil out of the "Charles has that damn infant got you

> Her first conquest, and she's lust out of other a throats. Figiting duels. Hall I am a "We need a nurse for Gally Reg. "Neo neg neg

the child has endured a session with you Claudia? It's Regis Switch on derling The screen sparked and cleared The

Ten soons love Reen too busy to call

You're looking well. How's that no-good

isad to send them to me so I can surgity speach. Same the you love and no charge And speaking of kide I we got a

Manwright was bewidened "What's

Begoti She's an angel of mother love hugging and lossing her it's interesting Imitations I gave Chudia college-level

communications but I couldn't give her

Galy Of course Why not? Your Claudia will Ingistan the daylights

She's Indoors 1

Majestro. And a hell of a lot brighter than But she can't talk. She only grunts "

log diswered at the markey rand) sin-

tons darking Did you first's me. give Galarea was trained training in your pay-

"Buy diapera. Reci Of Ah Of course Thank you Charles again. Claudia can manage page in her

many chapers. Claudo?" Thats One doz Zu Befelt Did you bread your kids to play with the baby?

What? Galatea? Too old for your boys? enough for Menwright's magnum onus

your hand and head over cursive abbrevia-

intent turned her aubum head. Why good You're right, Glaudia Marwhight growled. She's too damned old for your

My sphincfer will be under control by

Can you say the same for your tongue? capades. She taught herself to play Man-

if with a monster in the making, and to-

language. They had glorous raps, selectly talking to each other until Manwriste banned the constant Inger wagging which his dengunced as a claimed inva-

code, and Manwright was too proud to ask

 Corque took her to his Saturn Circus where she mesmanzed him into letting ber try riding bareback

and leaping through burning boons and

thrusting her auburn head into a lion's mouth 9

As if I'd get an arguer arryway, he

crowled to Coroue

Chemical delivery-Wy Dacidy longot to order it. So stosem-minded you know

She stole two hundred maters of map

Baleman I gave her No L × V N vet And

sons and brought them to Manwinght's Gorila Boby?" which she banged out for

Corque was applauting enthus astronily

Corque look her to his Salum Discushim to let her take such horrifying naka. Perhaps calolery's her mystery quality

Could her unexpected kink be pay-

"When our last session ended in another

past me like a gladeor who s wiped in orbit alons. She is worderful!" Corque laughed. Oh you na insensy based. She is been testing you abound her fingers since the moment she was poured.

represent the well pound.

And Igor and Claudia and her two to and the CB repai and the plumber and telectronics and the gentlemer and the land and the land the care of the c

"Evidently I'm the only sanity she can I sook four know he smale psychological leaft. Charles we're always accuring others older own faults. That saudebox has the impudence to call me intransigurations authors, arrow-leaf, contocated Mel Out-of

"Mighlint if be the other way unound fleg?"
Do try so make sense. Charles. And now that the Grand Tetro breastworks are making her top-heatery () think, maybe II was a late soo generous with my. Egyptian programming) there libe no living withher various.

ny Women take the damined dumbest pride in the firsts of their boczalums. Now Reg you exaggerate Gally knows weld all addres her even it also were flacchested.

we'd all accep har even if she wins flatchested.

I know I'm doing a professional job, and I know she has too much ago in her cosmos. But next week we start schlepping.

to take her down a peg. The Red Indians have got me eed to a stake. The added "Campege" Tairvolnso Lahvely pohry Mr. Galante Thank you. Larby Agatha. Canapian?

Prego Commendatore Carepter?

A dank meyd I Lang lebin 20tur

Neto fer vus General Hot carepés
sear Professor Corque?

Thank you adorable hossess Igor 67

And perfection Don't be afraid of the Mattern counsel file wor't bile " Carapies: Massic Consul?" Ah Mais cal Mesci Mademossile Gallee: Que pensez-vous du lumineux

"Our Romanesque mais formidab nect compéters" "Quor? Manweight? Romanesque? Vo ne gènez, mon cher consul

me gêrez, mon cher consul

Ma for, ou romanisque Medemoiselle
Gallès C'ast justement son obte roman
seque qui lu cause du mal a se trouver uno
temme

But and she wonderful?
And they re-making my nightmarea worse Assoylindian squawfora my clothes

Man mehme zwei Tele Solostostiko

tantascienza maga-orone umonemo, nanative, attualta flosofia sociologia, e cazyo puedo Regis Maniengiti "Cherles Ilhis is the last literary talk-in l

over attend
Oid you see how Gally harstled those litation publishess?"
his globs at my expense. She put nor claws on her hands.
"My days flee Gally did no such thing."

"My dear Reg. Gally did no such thing."
I was referring to that sexy squaw.

Findo agost sabes dance?

Sem. Danco. fallo miseravelmente.

Sun Danço falo miseravelmente muches ingues espace náncia e ficción, ecravo uma lamentaval poesia, estanoma comexpesión asi diotas estracoro un louco popo so bose come up palhaco. Em suma son a calebra bicroid Galatea Galatea, on Dominio Maracintal."

"She was magnificent denong with that Portuguese prince. Reg." Portuguese ponce, you mean."

campfire Charles | Didn't you ever fight back. Sandy?"

yes I know he's duvil set i bullet are cowards at heart. You should have lought him to a standard, like me. Did he ever make a pass at you?"

—3—

—3—

Un hun. Me nacher. His sign amd egomanaci too much in love with hims love anyone sites

"What Sendy' Me? Give the come that dhealth i men? Never! Did you?

Un hui. And he don't even t

himself to the most Traberg City. An Jassetty So swell of you to give us y box for the concert. I'vely us been come ing notes with your adorable wile on common searry whose name secapes. He's the gentleman on my right who all through the Mozart.

'And dreamed that she's tortun with her burning claws. Charles all a bod. kert zwei Teile Selbstrucht, einen Teil fülelkert und einen Teil Ebbi mische kräftig füge etwas Galhermas hinzu und man amalt Domine Regis Manenghi

Especially my privite parts

'Commit Manahight's blocked està al

dis en su manera de tratar los neclogamos palabras coloquales giro y modismos cilches y terminos de argot. Santor Yo soy Galseis Galante, la boctrod." "Thank you madame, I amnot Spanish. I

"Oh Sause me, charley guy You tollerday donsk?"
He burst out laughing "I see you're very much with the classics madame. Let me

fruch with the classics measure out me hink Yes. The proper response in the James Joyce Early is N. "You talkant!" scowegran?"

Nm
You phone exect*
Nmn

Clear all so. Tis a Julie Let us awap hitts and excheck a few strong verbs weak oach eather yapyazzard.

She titled her autum head and looked at ten strangely. Against my will lishe said slowly. I'm compelled to invite you to a dinner party tonght.

More classers, madame? The Restrice

d Befedict scene from Much Ado About thing?
"No it's the Galatea and—I don't know as pame."

Valeta Antony Wilers. It is the Galates and Valena scene. Can ou corns?

When this bash is finished I I give you fee adding. I likewish Gallates My hends call me Gally Haw do yo

tomme Manwight Gally Tonight? Big stock? Eight tonight "Dress party? One-nut. She show her head distribu-

cont know what sigot not me Walers. The moment I saw you at the clambake I know had to see you again intensitiely. I'm posserided!

Ompatible
Thrown out " Corque kept repeater
"Thrown out without a morneris notice that projected by series

That pagnateful lyrant?

Naturally She wants to be alone vividera Chanles Instant devoted attracts as par my british programming 1 tell y

"She athed mu to make month-terth for her to thorve mahin ter abet Weers's romance. He was so turned on meeting her at that bash this afternoon ment in full to protect his claim on my Perfect Papey no doubt

"Not to worry light Tell you what we'll order perveiles de veau au beums noir und beamed and bobbad his pale stresky

The silent Claudia printed PLANSING III ME PLS FENELLOS DE AMARILLO At one minute past eight Valera said. It s

it all nont to come in? "Oh please! I've been being my nais for Thank you. To tall the truth. I tried to be

would to walk up from Old Slip.

"Somewhat but the Syndicate complex

Wy door Valera !-York There's you. My ripor Treny I strare than house with two and a hait men and a moun-Topr our housekeeper Galaten me-

of ice a bottle and shot glasses She operwidthe vocks defly and began revolvof Basso Frankagolous's accommisse 'On yes I've met him The lisping hunchback Widean dear soul, but only half with it

That's Claudia, my beloved reason She is enough yet, but let's start anyway. She tilled the classes. Russian river sh? impendint invaders from outer space.

Gally what meracle are you wearing? 'm decated '

If I tell you promise not to turn my in?

"I copied it from a Mapple Who or what is a Magdu? Oh, thank I'm afred I filled a too high but how like vogue designer of the year Down with

Way they be heard only in Siberia. Why must I keep it a secret about your copy?" ter you if you pench a daugner original "New did you manage" And made it yoursel? From memory?

You're remarkable? You're exaggerating Don't you remember complicated stock manipulations? "Well yes." "So with rise its the same damn thing

Cops! That's the tag of a cirty toke The channan needs all the drify spless he can get for client expertainment. What is

From Claudia's riguighty boys. Another Visiona was bewildered and delighted by Galaxes flowed through it with equally med. comments. An old song lync heunted him

Never mind the polite compliments York she said pulling him down on a cough beside her and refilling his glass. "I II

Ididn't say kidngo. Come on, man steal

its my fault I popled your erm Don't poste Valera, and raised her gobiet to him You're so sudden Gelly Well don't The scarecrow mobile in the garden * On I love you for that I made it, when I was a little loci months ago "She cover him a

Valera glanged at his watch "Your

You send eight. That was an hour ago

But you send a dirner perty, Gally" The party is us? Just us? "I can call some more people if you're

That's night

You mean I'm

"Bu letow that a not what I meant?" No? What did you mean? 1- He stooped himself Go shood, she builed 'Say it I dow He capabilitied. For perhaps the first time.

tune from twenty years ago. Hey cickle dee deailive found the girl for me/With She flushed and began to tramble. Then ner she said briskly 'Boel Stroggroff potatoes baleed with mushrooms salad

No not upstors. Tony I've made special anangements for you. Help me with the Together in a sort of domestic intimacy.

the Bordeaux bottle and poured a few Try it Tony she said. The never been able to decide whether the concept of letting a wine breather's fact or show ofky I appeal to your sophistication. Give me your

Superbil You're magnificent with your complements. Gally Sit down and try it I snowed electronics into bootiving no ul tralight into the pool. That a why I warred our table here. Wat till you see 20 Perform ing Pranties 20" She ran to a wall rectin smatch. The pool glowed like lava, and the

Hey diddle-dee - he began and then so wolers to that he overturned the twole You godsamn bach " he shouled His face was black. Where a the CB? fore I break your goddamn neck!

Th-fast table. She pointed. Blind I don't understand. What's-You'll understand soon enough " He punched buttons "By God you and this

whole clarin lying house will understand



a territoring echo of Marwright at his worst "Hallo Larson? Ween Don't weste time and comb the city for a son of a brich pig Tgive you a half hour to find him and-B-but I know where he is. Galatea tai-

toped "Hold it Larson You do? Where?" "The bestards in The Gest-docum Club house, which is where I am now And if you

lying pimp and his bach a lesson they'll

The four were herded into the main floor of Manwright's house at the point of a able in view of the threat of Claudia s mass dark room. Valera was holding the weeping

In this aminous onse Manwright disnone had ever seen is some of quiet com-

Wr Larson, you may pocket that laser

You're goddarnn nght I have the that gun handy and get on the CB I ware

Why Velera? Doesn't Galates meet your

Wiers? "I don't buy whores at your prices." "Thirth? I lutow

who would be lathful and lowing and de-

Tim sorry my love, you never knew 1d

as a whore? Why this surbben exumon of

'Must I stay here with him? Does he own

but Galatea surprised everybody by going to Manwright who took her gently

She's pregnant, you goddamn pimp

After a long pause. Marranght asked

Galatea pregnant? My lovely tasteful

ment and I owear you'll never lose it ag-

band across Galatea's face, similar to the

"I demand an answer I won I leave until I Manenghts interruppion was an explo-

bane, and held the staggering charman

mused. Do you go in or get out? After the averagete had left, not without trainfit and with that the prephancy

Sweetheart you are progrant

Claudia has she been at all promiscurus

outside?

Youre hateful!

Reg we all took that We've char-

Dear love you are pregnant

You are undensitiv Charles?

But I m a youn

HR MAS HV STOPT

Tm.s wrom you wicked distretable Manwright took her trantic tace in his

I ve never been with any men, anywhere

Denamic? Manwork smied "All girls Maybe I should mean what. Claudig?

Let her sell me her champ? Why? "All right III listen. Tell me about your

Claudia wante me to hear them Claudia Engerwagged Tell Inm Gally

Galatea Calarne are you going to dis-

In the darkness she began. They re erotic They redisgusting I in so ashamed

handle me and raysh me into explany

chase him. And I catch him. Th-there are

some sort of friends who help me catch him and the him up. And then they go away and lave me abone with the montaght man, and if and i do to him what I wanted him to do to me.

They could hear her transburg and ruse-

fing in her clear Very carefully Manwright lasked. Who is this moonlight man. Galatea?

I don't know"

But you're drawn to him?"

Oh you Yes! I always want him."

'Just him alone, or are there other moon-

light man?"
"Only him. He's all I over want."
"But you don't know who he is. In the chelims do you know who you sin?"

Me Just me
"As you are in real life?"
Yes, except that I'm chees
Different? How?

Inge"
They all heard Manwright gasp
"Perhaps like ... like a Red Inchan Galates"

then at Indian squewup in the mountains and I make love to the palelace every right. On My God. The words were squeezed but at Nerwright. They're no

equeezed but of Manwright. They fit ind cheams," Buddenly he roared, "Light! Give me light, Charles! light! Light!" The british lights revealed him standing and shaking, moorlight, palle in shock. "Of my God, my God," he was almost

mochanent "Dear God, what his west?" Matth-text

Don't you understand? I know Claudia suspected, that's why she made Gelstes all the her determs.

But they no only dirty drowns, Sawtes waited "What could possibly be the herm?"

"Darmy you and da mome! They were not the

disease. They were reality in disguise that is the harm. That's how your disease add in with my rightness, which were reality too Christ. The ponerated a monster? "Now calm yourself Reg. and do try to

make sense."
"I can't. There's no sense in it. There's nothing but that luretic drop of acid i promised Valena.
"The mystery surprise in her?"

You kept wondering what it was Charles Well now you know if you can starped the evidence What workers?' Marwholt forced himself into a sort of

Mallwright forced femaler into a soft of flunderous control. "I dreamed I was pursued and caught by Red Indians, sed up, and ravished by a sary squaw I told you Yes?"

"So informinably Galatea drooms she's a Red Indign pake pursuing capturing and raveling paketoo she decres You heard her? 'Conadence'r 'Ereshiv

"Possibly
"Would you care to bet on that por sy?"

And there you have it. Those theams were steep versions or distortions of what was really happening, acreeining which neither of us could face awake. Galeisas been coming into my bed every night and

n coming into my bed ev to been making love impossible? a she pregnant?

"to she pregnent?"
"tips
"this
"And I'm Valens's lover-boy, the studire
tensible My God! My God!"

m dressed different sponsole My God! My God! approache My God! My God! and bucksion with Gelly ever left her bed rights?

Wretgit gasp like a Bed Indian.

Oid she know about my dreama?"

Whis words were cut off, as if by a guillotine in the utraight from the glowing pool there

was no mistaking the dark pregnancy band across Galatea's face H took a slow breath 9

"Damnet i'm not tallong about a conventional i human woman i' dann'i ganaraba me i'm tallong about an otherwork care-lure whose psyche to as physicially real as the body can materials and a materials and of it is complete to discuss and amalgament as discussed and amalgament and a supplementation of the second page. An enforced doubt as set as the based on the second page. An enforced doubt as page and an enforced doubt as page and an enforced doubt as page and an enforced doubt as page.

A what?

A succubus A sexy lemsle demon lectly human by day Completely con at Bull with thespectral power to come acamel clost, formen in their sleep, in and settice them.

and leduce them:

"Not Glasso oned in despair. Tim not that I can tibe."

And shall be and the state of the s

Galoss furms out to be a succulous who dissent furms and has her will off the next of steep every right.

The ner Threy were deserted Desertal. "More they? Manning the sharing difficulty controlling his misuaecroe with the deserted obtainers at Those etc. I have detected you get yourself programs." He recently greated intocked up? Den't you deserted you get yourself programs, the processes greated intocked up? Den't you deserted you get yourself programs.

did you get yourself prognant, oh, encente, gravita lenciesd up? Den't you dan argae with me, you impudent not associatifiss have the reflected, there should have been a smidgen of Margaret Sasget in the prognamming. Never occurred to me. He was back to his familiar impossible self and everybody related.

What now heg? On I ill many the snip, of course. Cent a dangerous creature like Galaros out of a house.

Out of your file, you mean " Never! Galabou shoused "Never! Marry you you dreadful impossible, concerted bullying large-ti-el, exclusif man," Never! If I'm a demon what are you? Come

Claudia
The two women went very quickly upstarts
Ans you senous about marrying Gally Reg⁷⁷

Hog?"
Containly Charles I'm no Valera I don't work a selationate with a popay no matter have portion."
But do you love her?"

Therewor the question Do you love Gally as a maril over a wormen?

That sery succutas? That naive demon? Love ne? Assurd No all leants the legal right to be for to a stake every night when in minimals Hall.

Conque laughed I see you do and im

you'll have to court he! What! Court? That impertment red brat? "My dear Beg, can't you grasp that she as 1 a child anymore? She sia grown young woman with character and prote." Yes, she's had you in thrall since the moment she was poured." Manwight

defeat "But happese you reinght. My dear got!"
"Here mahither."
"Please set up that sable again. Fesh sorrice, candles. Rosers and see if you can solvage the monitors you created for the street. What solves.

No branch malphier?

Not this evening I see the Moston Northis evening I see the Moston Padrearida's bean similaridad. Another bot the plasse And their my comprisents to Mis Galarias and will shahiswith Gregorients to desire a discir. And in most consists south Present her with a consequence of the plasses of the most of the plasses of the plasse

But aren't they of? OO





ALIEN LANDSCAPES

Science-fiction classics, as envisioned by talented visual artists, show four worlds of imagination

THE TIME MACHINE

The Time Tavelor led the way down the long disulating control to he inhoratory. We benefit a larger action of the little mechanism we had some benefit door upon. Gutty or Control to the little mechanism with high properties of the little properties of the little properties of the little properties of the little properties. If carried convey the same of inhoratorials decided in this large over the world. "A If G. Web.







DUNE

'Flicks of dust shadowed the sand around the orizafer now. The big machine began to tip. — A grapatic sand whrepcol began some — Them they saw of a wide had omerging. Then they saw of a wide had omerging fitter the sand burlight fliashed throm descensy whose spokes within it. The collect distribute was it feat have also largely of the country. Clocks, what a monitority multipool a man begind the country. Clocks, what a monitority multipool a man begind the country.



MISSION OF GRAVITY

The world [Massisyn] at rather suprising in develoal wildy is a couldn't duration in bity-seld thousand mice. From Doe 30 mills of the couldn't duration in bity-seld thousand mice. From Doe 30 millson price sign of the couldn't invalid the price of the couldn't invalid the couldn't invalid the price of the country areas in the couldn't invalid the price of the country areas in the price of the country areas in the couldn't invalid the price of the country areas in the country of th



&From an embankment of the railroad, Chris sat sitently watching the city of Scranton ... preparing to take off 9







CITIES IN FLIGHT



The astronaut trainees had to be taken down a pegor so their officers thought

KINSMAN

BY BEN BOWA

Air Force hostenant, araining to be an estronaut Hx/Aret mosion in orbit, aboard a apace shuttle deares him with said "He's got that land of Lieutenan Frank Coll black mind " ballant quick-tempered Since Kinsman and Coll have Kinsman paid. "Reduce scored highest among the shuttle have decreted to take them down a peg. Colt socs Shir as discrimination against him And Kinsman matters that his own chances to be an higher than ours, you know."

Air Fonce authorised line "Toll you what," Goll said. "A inextroably linked with Colf's couple of you guys black your Kirsman, published by Dial

When he finally slid out of keyed up to be tred. Colt. seemed tensed like a corlect So the Golddust Twns

"I thought they were gottns." PAINTING BY JOHN SCHOENHERR

het Kinsman is a young keep us after school " Colt said, "for being naughty vesterday "Perce" I find a way to take

you guys down a notch," Jill "Democracy in actor,"

"Hevi" Art Douglas

snepped from agross the compartment, where he was helping Colt into his suit. "Your

They laughed, but there was a nervous undertone to it

and slid it down into place. "Still fits okay." railing, already sured up, but with his heleyes looked darker than usual, his face had

if suspect to wave a half beauted iso inpolition the others then clumped into the airlock. The heavy hatch swung shut, and he could

hear family the clatter of the pump sucking the air out of the phone booth-sized chamber The red light went on signaling ing salatios in the bay Kinaman shuffled

neitzed soles of his boots in contact with underwater move. Kinsman said to himself. Howard turned, tapped the keyboard

on his left what and held up four fingers

quarter is three, don't use it unless you

satelise in the bay it was a larger fat drum.

Kinsman, you come up top here with me open the doors

What kind of a satellite is they? Communi-

On No Tiguess not We've changed or-Start with that one Howard pointed to

the largest artenna in the center of the The antenna support arms owung up easily

Now the waveguide." Howard com-

It's not an observation satellite.

Keep your mind on your work With an exasperated sigh. Howard said,

Strategic Command dignit bother to tell "Ohit is ferred

Scuttlebut that we heard back at the academy. Kinamen explained. Securities

'Yes he replied Nodding inside his helmer. Kinsman went on "She il hang up there and inten on

freaks the Soviets use Maybe some out everything sites recorded over the

"Regily" Howard's young was as flat and cold as an ice tray "Nes sir The Russians have knocked a

Howard's response was unimelicable I said he snapped. That i never work to

*Colt. when the hell are you going to get "I'm ready anytime ay." Cotta voscer

Well, open itm up damn it and get

Soundlessiy the tag clamshell doors the doors awarg farther and farther back



"All right, all right" Howard's voice broke

hward himself wheaper the words as he man work forgotten, deffine up lowest the Get your ass back here. Kinsman! Howard shoulded it was like the packs pilo

Kirsman found bay high enough so that his head and

shoulders were out in the open. He Cot was braide him "Farrasan" ing open. But he didn't care Inside the

below: rathe utter privacy of his imperve-'All right all right." Howard's voice was

got to get back to work or we'll exist the orbit-pertion time Here - and Kinsmon left a hand on his shoulder - "don't go dirft-

"Go out and take a good look," Howard said. 'Pive minutes. Then we've got to

count down the assaults Knomen finated free cutside the constane on his face. It was dazzing over-

it was huge filling the sky, spreading as satellite. Twice the control jets of the reer of ing beautiful world, the ancient mother of from this distance. No divisions married her beauty of the planet. It took a wranching ettori of will for Kinsman to turn his face By turning has body Knaman could see hereby british photochromic visor wasn't

Look! That ned star I stank it's Mars."

No Kinsmen said 'Its Artares - in When I correcter thy heavens the work of the fergure the moon and the stars, which

Relactionally Kingman turned power from payload bay Coll trained behind him. Work-

arm, a long metal boom that swurto the

Now we want " he said to Colt and Kinsman You guys were so good we

tren. Not that they could see each other a favor through the tribed years. But some

 As the boom swung back inside the payload bay and folded itself into place along the deck. Captain Howard said.

"Now for the final chore. It's a bin one: we've been saving it for uni have 9

They awiched their sut radios to the

game to release the satelite, it was utterly three two one" said Major Jakes s

peytoad bay and folded itself into place along the deck, Captain Howard said Kingman fried to glance over at Colf. but

You were too excited to notice." Howard

Bight. We have no intention of dome that We're heartren now for a sendazyous grated they booster tanks and left them in

Simple enough. Coll said. We did something like that at the neutral-buoyancy "It sounds easy. Howard said. "But I

Okay' Krosman said. 'We can handle if

All nobt - the capture and at last "But teten to me. If something happens out

What's he womed about? Kineman won-

length of the empty peyload bay, did them-all on putts of cold gas from the

this task. Howard worned them. "Too

difficult task of the whole musicon

other jobs like inspecting that Russian sateline. That was tougher than what we re-

"That was a one-man lask. Kinsman said. "He didn't need a couple of rookes getting in his way. And the Reds probably

"He's a stronge little guy." You'd think he'd have made major by

Teath but he a got no wings. Flunked out of facts training when he was a kid Their wher Art was telling my Hein ed. No academy Lucky he made captain

the time

Knaman said. If got the feeling he en-

Hey years, I forget all about that

deck plates so that he could look out at the sky again. How quickly the miraculous be-Sure is some sight." Colt said from be-Makes me want to use chift out of here

Just go on and on forever.

the stars

Colt's laughter deepened. Sufe Just

All right, there it is Captain Howard told the open clamshell doors of the psyload bay, looking out at what seemed to

You've got three hours " Howard told them. The broatertank linkware that hold reattach to the other tanks "Yeah yeah, see know. Colf said impre-

Kinsman was thinking. This shouldn't take man they as hour Why care or done? easy. Howard said as if in answer to Kraman's unspoken puestion. It's differfree-no resistance at all Every move you

"We learned all that in training " Coll in-"Yeah sure you did Pardon me I

Almost an hour later, as they were sitisch-

others Cot asked. How many times we

just taking pieces apart and



tightening job he was doing. Colt was floeting some forty melves wavy up at the noise end of the tal propellant tank. He looked bry next to the huge stack of tanks gleenring brightly in the strong sunlight. But his vote in Kineman's elaphones sounded as if he was is suite the before with him.

vote in Kinsmann eaighthes sounded as if his was hald the helmet with him. Hell "Kinsman answered "see did so much of this merkey work I thought they were taken guist to open a garage "Yeah That's what I was thinking. Then

why was Howard so shalky alboat us doing siss? You have any troubles? Wiscrean shrugged insets his set, and the motion made him drift shightly away from the strut he was working on the reached not and instituted if to shalk if herleached not and instituted if to shalk if her-

from the strut he was working on the leached out and grabbed it to steady herself.

The spun myself around a couple times, he admitted it gets a little confus-

used to Colts answer was a soft grunt

on "The had to stop and let it cool down couple times" "Neet Me too But no trouble "Maybe Howard's worsied about it

Maybe Howard's worried about us being so far from the strip without lattices: Maybe." But Call didn't sound conwaced. "How's your end going? Kinsman.

saled. "I'm simost firshlod here "I oughts be done in enother fan minures. Three hours! This darmed job's a peop of cake if seer. "Holy stat." Kinsman's whole body jerked at the

usgency in Colt is worse. "What? What is it?" Look the shuffe! Turning so rapidly that he bounced his shoulder into the sank Knuman passed out

meters away from them.
They we closed the payload bay doors.
Why the hall would they do that?
Goil jated down the length of the saik, support timeef as neatly as an ice states with a countering pull of odd pas from the

What ha hall are they doing? he resked bewildered. Cot said: Whatever it is I don't like it. Sudderly, a cloud of white gas retter from the shuttles note. The spacecial dipped down and away from thom. Anothe

rear the tail and the shuffle slewed aid ways.
What the hell they down? Cost should The shuffle was sliding away from the scutting crision in faither from the prope last tarks where they were stranded.

keyboard for the flight deck's radio fregrency.

Kinsmin to flight deck. What's wrong?

Why are you manowering?

No answer. The shuttle was dwindling away from them rapidy now.

Jesus Ching!! Colf yelled. "Thew re-

mod his visce. "Major Podoleka Misor Perce come in This is Kineman Cot and lare as still outside the spacecraft! Answer plasse?"

Nothing but the cradeling hum of the crades comer wave.

"Captain Howard" Kinsman said into his

is so Noting but the cradking hum of the ratios carrier wave. Their sone of bothes are stranding us? Norman watched the shuttle getting graphe and grapher it seemed to be had from markly sears from them although the

and waxy from them, although the card secretal part of its most fold time that the away is spoochaft was only daiting, it hadn't filled in the firm energy as at all But the difference of the interest was consigned as sembly and the strattle was consigned as some and the strattle was consigned to state the two filled and the strattle was consigned as a second of the strattle was consigned as a second of the strattle was consigned as a second of the strattle was considered as a second of the strattle was a second of the strattle was a second

Colt was moving. Kinsman saw that he was aming his thruster gain. Grabbing Coltie arm to stop him, Kinaman shappad. "Not" Then he realized that his suit rodio was still funed to the flight.

upperclassmen used to do at the academy

dacks frequency Benging the stud on his wrist. Kinsman said. "Don't panic. Remember? That's what

"We getta get back to the shuttle men!"
We can't hang here!
"You it never neigh the shuttle with the
manavering gun." Kinsman and "Not
except hange."

erough range But semething's gone wrong Kirsman looked out toward the dwinding speck that was the shuffle. I was hard to see now against the glanng white of the

cloud-covered expanse of Artarcaca. With a shadder Kineman felt the cold cooping ato him.

"Usen Maybe nothings gone wrong Maybe the is their idea of a joke."

Maybe that s what Howard was trying to tell us. That's cracy. No They we been stoleng if to us all

through the mission haven they? Pierce is a cody bustand and the Tooks like something he might dearn up - You don't joke around with lives man? We're safe enough. We've got four ours worth of air As long as we don't arec we'll be okay. That's what Howard as trying to tell us.

calmer, as if he wanted to behave Kinaman as if he needed to behave. Your personals is desented you just when you need it most. Kineman thought. He ain-seemed. How many times have they colled us husshots, the Goldous Tiwris? We re the

top two men on the list. They use want to ruo our noses in the chit a little. Just like the upperclasorien used to do at the ecodemy." "You think so? It's estive likes or leave dead. Kineman glanced at the digital watch set into this.

A's exter Med or ied to dood. Kindman glancad at the digital worth set into his wast keybourd. They allowed three hours for partiest. They'll be back balon that time is up. Loss than two hours. "Bed of they're no?".

is up Less than two hours

"And if they're no?"

"Then we can panic

"Latta good iff do then

"Wen't do much good for us now either

Were stranded here until they come back for us.

"Bastacts: Col; multiered. Now he was convisced."

With a suddenigm. Kinsman said. "Yesh."

but maybe we can turn the subles on them

"top"
"Follow me, my man

sol Whout using his thruster gun. Kinsman
older clambered up the side of their propelant

tank and then dinted slowly into the read treated by the six other tanks. Like a pair of side dwars floating in the mast of a pool of wholes. Colt and Kinsiman hung in ompliness surrounded by the big.

They if they were the scale of the second of

Right
"Maybe that's what they want."
"Maybe But think of the explain."

they load the two of us. Four officers, careers closen the chain.

Cot grappind. Average worth dyer for "Wall lifet them know we're here Kinstrain saed. "after they we worked up enough of a sweat." In not dying for anyona's joke, not even my own.

and the storn stars woorhed electry. They wanted and they taked.

"I drought she split because we were down in Houston sand Huntsville and she couldn't like it." Dot was stying. "She was

coultn (false it. Coll was stying "one was if white you know and the pressure with an is her a lot more than me in I didn't think Houston was that pre-

Yeah? Try it with my color man. Try buywarns see how cosmopolitan everybody

6 Rinsman admitted. Must ve been prof. were having our troubles in Colorado, too

superpool Never saw anythody so much in And seator? Mail: You're mistaking stow

Yesh That is it true you're a Quaker?" Used to be. he said automatically try-

With a laugh Colt asked. How come

Something like that Like you said.

They sat facing each other washing down the crunchy toxist with hot, british colfee Dane watched the people moving

People's Liberation Army

I was going to let you stay here

And he thought of his father cold impiscable. Was it pride and anger that moved him or was a feer?

him back to reality to the world he had

Switching back to the flight deck's frequency, the two (leutenants heard "Piorno

apaddement, if those two kids have been lost. I'll out you up for a murder charge 19

chases for tenself "I don't just warns be good " Cot was stering. If got to be the best I got to show

You're not going to win many friends that Don towe a shit it'm gonna be a general

Knemen shook his head, chuckling "A general Jesz you've sure got some long-"Damn right! My brother he's all hot and fired up to be a revolutionary Gain around

hight for justice against the Man The FBI damn near probbed him a year

Hit is bank to raise money for the Not arwright. There and no PLA arwmore. Most of lem are dead, the rest scatme. So I decided I am I gorna tight the Man I'm gorna be the Man "If you can't beat lem

Looks like I'm piter 'em wish." Colt said with real passage building in his wage. But I myust worker my way up the lackder to

those days you know "Where does that leave us?"

Krisman's earphones Emergency system Knamari Cotti Canyou hear me? This is Mator Jakes Do you said me?

torted by ragged state; and very con-Kinsman held up a hend to keen Coll silent. Then, swedning to their surHo-out

frequency he whispered "They can't see tanks are blocking it "We re getting their freek scattered off the tanks?" It was a referrical quantition

enough for Kansman to see the grin older-

Let em eat shit for a couple minutes

Right The shuttle pulled into wew and seemed

heard. Pierce goddammit, if those two leds have been jest (ii) out you up for a Now you were in on it too Harry? Howards voice out in "I'm suited up

Should we get one of the trainees out to help search for them?" Perceis your Jakes sharled "Isn't that enough? How about you getting your ass outside to

Mar? But I m. I first it would be a good idea. said a new voice, with such weighty authority that commandar Major Podoski. Among the service and therefore as senior as God.

this and it hear I furned out very funny

could barely suppress their laughter as they watched the shutters camp doors Maybe we oughts play dead," Colt

and diffed into the open There they are!" The voice sounded so

We've fine six" Kinsman said calmbi

But we were beginning to wonder if the Uh no Jakes said as he sitted up to Cott and Kinsman We un well we sort

Sure, Kinsman thought Nothing per They were great buddles now as they

meta and suits. Pierce, Jakes, and Howard

and said nothipped. Sir I must make a

1 don't mean Mojor Podolsky, air 1 mean Everything stopped Jill Meyers who had met, let it slip from her tracers it arrolly wide eyed and open-mouthed. The only

The sudge advocate general?

Turning to type the major, gloss enough to smell the fear on him. Kinsman seed

"You can't " Puerre cometow lost his

With a residened shrup. Jakes pointed

Kinsman clanced at Colt. and the two of

Many Endolsky was a bin, finest-faced bulk barely litted into the commander's as Kinsman rose through the hatch

say down there Lieutenant and if you

Sitting lightly on the payload specialists Sk. he whispered. I thought one good

smile won out I see you went them to Not exactly or I want reparations.

"Repa - What re you talking about Mis This is the first time Frank and I have been allowed up on the flight deck

her back through mentry and landing lowed a femon whole. Oh, you do? And

Colt bobbed his head ingorously "Yes.

Sir . I meant it about the judge advocate peneral And I have another unck

can stup here duting mentry and landing

That's an order!

Podolski countried 'A pair of smart asses onn fitting around his mustache

*Okay we're due to beeak orbit in two strough the whole routine and watch how

smio of all. 'Ti he plad for DO





SPACE CITIES

BY HARRY HARRISON

Science Indication has a second Indication has a second Indication has a second Indication and Indication has been of the Earth Only creately have when second on the Indication has been of the Earth Only creately have when second in the Earth Only creately have when second in the Indication of the Indication of the Indication of the Indication of Indication of Indication of Indication Centeral Conference on Indication of Indication Centeral — Double Discount Part Centeral — Double Discount Part Center Indication of Indication Indicat

soun, going anywhere, that she did not want to board. This is meaning ten to a happily encouncied only therefore but elicits a depth of insports from sceneria of intellegate ambitions who is burned in Boardewille. So, winders who loved chessively a burned in Boardewille ones for the future. Well's in 77th Stopper Available fauld the

The Sepper washing in an only full of gadgets and transportation and communication workers. Almost all the book-length stopas have been onlied stopas have been onlied stopas have been onlied stopas on the stopas gave in competity and design Just as with the spaciality, a universal.

Fruit Blocks represent Horse Manager Published Ing K. By French Futbalang, in U.S. by Rood Books



supercity came. into existence la writer could set DEV WENOU background or segerly and read on has its limes Foundation planet-wide city examined in sparse decath in the Galactic Histol There is a this kind of BOOK BWORD



west sto exception of

Island -and M -New York

biggest pity in

supercay built keep it running or destroy (Or (1970) though

the others are physical He speculated that fall of the solar system down there enough material available to form a thin sphere about the sun a grant shell that could be inhabited on its Bob Shaw in Was not Earth explorers sphere and must spend entrance they Dyson's design WES RESOURED



clazan rumed Beam Piper in

larger scalo is



wannings to the youth of the luture of the



HALFJACK

Half-man, half-machine, he roamed among the stars, seeking fulfillment BY BOOFF ZELAZNY

walked barefoot along the beach. Above the city. Snoorgo a stone, then hurled it in the divection from which the variabled from sight. Eventually it would begin slupping. Be-

Somewhere beyond the skyline a vehicle lifted ibutting its He had let two offers pass him by to inger There was another

As he wasted up Kathra street, he saw that her apartment was still dark. Good she would not even have missed rum. again. He pushed past the big front door still not repained three-nights ago Haused the stars. Hele: himselinquetly

her For a moment she was sleep warm and elsep-soft against You've got too much on she said unfeetening his shirt He payed a off and dropped it. He semoved his trousers

grain where it stopped You didn't even know about it until a few nights ago.

For almost three montrs— He sighed and gave a half-smile. He rose to his feet He reached up and put a hand to his long, black hair. He

BAINTING BY MICHEL HENRICOT

carte free with a soft cracking sound. He

electrostatic bonds. He dress it down own

separately balote pulling off the body-

deeming some dusky

meent when he called you first

keep the glove on-at all times. It was the

Either way" he said. My genes could

to feel human She ran her hands down his back pre-on

He entered the battycom is merged with

 Standing he turned toward Kathy, whose eyes had not left him. Again, the half-smile. The

plastic ... machined ... 5

not t at all. Yesterday I would have seed so to you. That's not it

it is just the wanderlust, or whatever you going again it's my nature that's all it to your feelings for an excuse to break us

I believe you Tike you soo Whether you

bean shorty and he could sho up that

-Meet any nice pais?

Out 60



Chanks has one of the first pacemakers ever built

SANDKINGS

His interest piqued when told of the creatures' proficiency for warfare and worship

BY GEORGE R R MARTIN

episaving manor house among day clocky filed its year-should never the season of the control of

the dark on hawk. The shartcher had kinded up to the befry and size in the fack. Kines was vector. The exercisely he filter his silventime to Asignare, a your very of some low hardreds whomerier. Applied was Blood or Bloogs is every and booksed the delet time, applied wileport as yell. Areas filter of process for themselved, which is made in your surveys and exercise from the filter of and wileport in Applied date the place of by shore. The place in order in the Applied date of the place of the process of The place in order. Applied date in the place of the place of the The place in order. Applied date is the place of the place of the The place in order. Applied date is the place of the place of the The place in order. Applied date in the place of the The place is not applied to the place of the place of

he wanted something new something that would stend out

Section of the board interest and down Ramows Boalevalla. Days of down Ramows Boalevalla. Days places he had not paracrated before cockettath stagnor the servet was me important marts. The tag corporate product professional production of product of the control of the costs at product or fellowshorp against dark did the made the memors of the stokes of the days of the control of productions of the costs of stream were controlled with all manner of fending the controlled with all manner channers are the controlled with all manner channers are the controlled with all manner channers are the controlled with all manners channers are the controlled with all manners channers are the controlled with all manners that the controlled with the controlled with all manners that the controlled with all manners the controlled with all manners that the controlled with all manners that the controlled with the controlled with all manners that the controlled with the controlled with the controlled wit

Then the carrier across a some that was othered. If was very near the port. Kress had never been there occupied or small angle-acry busing of medianitie size set between a suphrose bur and a bample across the superior of across shaple across a suphrose bur and a bample across of seemond.

tecky. The shop seef was unusual. Altesting.

The windows were full of miss—eow a pale red inow the gray of the fog now speaking and godien. The miss swind and edited and golded family from within Khillia glimated objects in the window...

could not recognize—but he could not get a good look at any of them. The mats flowed sensuously around them displaying a bid of hist one thing and hen another then closking all It was intriguing.

As he washed the miss began to form lenets. One word at a me. Kness stood and read sto. And BHADE IMPORTERS ASTINAT'S AST AFFORMS AND MISS.

JEFFORM AND MICE.

The others stipped Through the log Kress saw something moving That lets enough for him that and the unerchang in their advertisement. He aways his welking clock over his shoulder and enraned me.

195.de Kress felt discoverated Themselven 195.de Kress felt discoverated Themselven seemed vast much larger than he would felt applicated from the releasely modest fortage it was comply to precede with spiral package sylvade and realistic sery nice

most to his knees in places and swined boothis seet as he walked. Can I help you? She almost seemed to have risen from Are you Wo or Shade? Kness asked Or ly sales help? Jale Wo, reedy to serve you, she reed. Shade does not see outcomen. We

Shade does not see customers to no sales help but have guite a large setablishme is said. Odd that I have never heard before.

Baldur the woman saud. We have franchiese on a number of other worlds however What can I sail you? Are perhaps? You have the look of a collector. We have some fine Not T slush crystal cervings. No. Klead said. T own all the crysta.

A Weform? Yes Area?

Arisin?
Di course
We have a minit in stock. From Celuis
World A clever rate armain for only will in learn to speak but overtually it will minit your value inflections gestures even fa-

al aignessons.

Oute said Kress Andicommon I have use for either Wo I want something excellusions and advantage on the control of the control of the most of the control of the most of the control of th



Do I make myself understood?
We smalled enginetically. Have yourseld an aremail that worshiped so

Asked
Keissighmed Oh noward again But
don't require worship Wo Just enterlain
ment

You resunderstand me Wo said still

weating her strange smile. I meant worship lifensity.

What are you talking about?

Under I have a untitle there for you.

said. "Edition mis. The led him between the reclaim couer's and down a long, log streputies are beneath false startight. They passe through a well climitarito another section the other throughput in him of all all please tarsk. An aquainum Kritist through Wo backnood. He steeped closer at sew that he way wrong it was a terrinawith the king wrong it was a terrinawithin a yill minister is down in Whithin a yill minister is down in Whithin a yill minister is down in when a yill minister is down in

wan red light Robes besit and quality and grains in each contrict of the tark spood a coatful.

Kresp brieflows and premid and consolad hamed actually their war of yhros class that the properties of the coatful that the properties of their spood actual that the control were crude to taken and that three charmes and through that counsed porticose my creatives chimical and cosmitties of their spood and cosmitted when spood insecurity has seen and cosmitted when spood insecurity has seen in the against the passes insecurity in a seen and cosmitted of much more company.

No Worlder of much more company.

against the pisse. I Meetod? The asked. No. We registed Amust home complex fellow. Meet mailigent as well Smarter man your shariber by a consideratio amount. They are called sandkings. Fraction, Kness and chaving plack from the tarnis. I don't care how complex than you like financial And lendly don't by to gui my with this talk of tripfligence. These money, we thou small to have emphase talk home, any tittle or small for have emphase talk.

the most judimentary brains.
Thisy share hivehinds. Wo said. "Calor minds, in this case. Three are criy the organisms in the tark, actually. The four daid, fou saie how her cacke has fellen. Kress looked brack at the tank. "Hiverminds, et?" Insteading. "He towns.

again. Shi it is only an oversized and d hoped for something better. They tight wars.

it is not an insect. Wo insisted calmily.

The armoned excelleration is shed when

by the above and lad firm around the next cast e. "Look at the color and the next cast e." Look at the color the day the color and the next cast e." Look at the color the cast the color than a cast the cast the

Kees glanced across the lank. The zery of the third live bases were offer with red norm. Himmon, he saw.

They wan so lead. We talk have seen have trues and selfances, it was ance that destroyed the fourth case this tark. The blacks were becoming numbacks and so the others schedule.

this tank. The blacks seen becoming numerous and so the others coned for to destroy them Krisis remained unconvinced. Amus no doubt. But insents fight were too. "Insects to not worship. We said

Eh?
We smiled and pointed at the cast Kress stared. A face had been carried in exast of the highest lower He second if it was Jate Wolf face. How ?
I projected a hologram of my lace if

The black castle
was the first completed,
followed by the
white and red fortresses
Kress sail

the tank. Then regit if there for it feet doly, in The face of god you see? These them I am always close. The bandways have in contentary points settle. Froming lates in our contentary points settle. Froming wilder, ally. They settle me and words me by using any feet to discovere their buildings. All the castles have them see. They did Crin the costs the face to this We was settlers peaceful and very feative. Know they do it? "The foreignal large countries for they do it?" "The foreignal large countries as similar They." The foreignal large countries as min. They

faultie tendris. And they opportals will both in busining and in battle Remember all the mobiles of one color share a prigit med.

Tell me more: "Kinsa negussad of Woldmand." The make less in the castle May is my name to him—a pub. Kyou will the thing is mother and stomach both Periode large as your fast immobile. Asset

Female large as your fist immobile. Actuatly sandship is a bit of a mancers. The mobiles are peasants and warners. The real railer is a queen But that arrelagy in faulty as well. Considered as a whole, each castles a single termaphrodist creeture. What to have self?

observed insolution loading. They give it nom the make after size has welved on a fire several days. Their stormeths can thandle anything ease. If the make clies it key soon die as well. The laider. The make easts anything You it have no see-say experimentations. Table scrapes will do wordlierly. "Eve load?" Aress asked.

Use food? Kress asked We shrugged. Each man eats mobiles from the other cashes yes I am intrigued he admissed. If only

Yours can be larger Triese sandkings are small because their tank is small. They seem to limit their growth to fit available space. If I moved these to a larger tank they distant consum asset.

they distant growing again.
Herem. My prantia tank is twice this size and vacant it could be pleaned out blied with sand.

size and vacant It could be created out tilled with sand.
"Wo and Shade would rake core of the installation it would be our pleasure."
Of course. Kress said. I would expect.

They degen to haggin about the price

Three days later value Will per werd at Simon Kreas is water, with commant, sandraings and a sock cowe is base charge of the sandrained with command and keeping water water and busing residently and header the border are least they are well water to be days. But they were very strong, and good workers Will proposed them should muse all project that Kreas has nevermused.

head below:

If a doy, it was down from medic fur.

If a doy, it was down from my medic fur.

If a doy, it was one for the management of t

at loadiny. Wo said

Finally one of the foundamed works

Finally one of the foundamed works

including the tank and daig begin prise

to take conserv. One of his companie

oned the domain make over to him

owing them one by one formities have

yone takening called.

The, were orthing to pas at Kness of

cided they resembled nothing so n mostled. high-spot ad churks of ra-Each with a mouth seeled it all up and took they leave. The feat will bring the mass out of or many. We said in less than a well mobiles will begin to hatch and burlow up to the suiface. Be certain to give the prierty, of food. They will need all the strength until they are well established.

strength until they are well especiated in would assimate that you will have castles rang in about three weeks. And my face? When will they carve my face? Turn on the hologram after about a

Turn on the hologram after about a month one advised him and be bateri. If you have any questions please oil. Wo and shade are anyour service. She bowed and left. Kreak wandlaned back to the tank and in a

loy stoot. The assert was still and empty He or or unmed his fingers impatiently against we the plastic and flowned on

gimpsed motion beneath the subtle subtervarieers shrings. On the lifth day he saw his finitions white.

nem, white and reds and blacks. The cranges were tarry, the cycled through a bowl of helinfactived fastle, storage. The mobile sensed is all once inshed on an algent outsig secret back their respective comets. Such coin group was highly organized. They click to their fisches was a bit described but the decided to give

The coarges made their appearance on the eighth only fly then the other sandkings had begun abrings shall begun abrings shall stanks since enecting pour fortnershall stanks since enecting outer fortnershall stanks since enecting outer fortnershall stanks since the stanks and the sale and though the flat sale that sale is though the flat sale is though the flat series of though the flat sale is though the flat sale is sale in though the flat sale in the sale in though the flat sale is though the flat sale is though the flat sale in the sale is though the flat sale in the sale is though the flat sale in the sale is though the sale in though the sale is though the sale in though the sale is though the sale in the sale is the sale i

Intedes by Kressithsught flery were grown an questy. The casties began to rise minimum, the casties began to rise minimum that provided the casties began to rise minimum that provided the casties and grant backs of the control of casties and ship or casties and casties and ship or casties and cast

tal plasso wats observing it was tasci ing.
The castles were a bit planer if Kross wouts have liked but he had anabout the The rext day he cycled thro

ome obsidiar and taxes of beloned gain to with the food. Within hours they for taken incoprorated into the castle walls. The black castle was the first combate of the well of the who and he do trisses the changes with last as usual. Knext to in meas with the lang soon and at walled on the bouch so he could state. I

He was disapported Days pag-

to his sanitary needs and to snewer or loss business calls. But the sandkings did not east. He was getting upper.

Finally the discipled feeling mem. The oldays of the fabile scripps in speed to full from their desert sky is also included an order of the fability and the fability of the fability first incoming this mandale and and first incoming the fability of the produced main gate of their infinition of and left fill fability of series and hour man have an order of the lit inverse managed. Within an inhour and the little of the produced of the series of the produced of produced produced

Kress delighted congratulated himself in his garrius When he put food into the tank the follow-

€The attacking sandkings washed over the spider Mandibles

abdomen, and clung. ne of them found an eye npped it loose

ripped it loose Kress smiled and pointed.

....

oners.

e tolographic projector and in tapnation in the families it surred sliving of anti-around so that his gaze tell or or castles equally. Kriser thought in a good leanness it had the simple with mouth full cheeks. His blue eye food his gay tall vivas cantibility and in a lastnerable subservery in more week that and cantibility.

iss fed them lawshy while his mag irred down at them from their sky fer any the wars stopped. All activity wall lotted toward worship its false emerged on the passle waits.

All hall all four carvings looked alike to in bull as the work continued and Kress bled the reproductions he begin to the of subtle of ferences in lectingue and abusen. The risks were the more creative most that basks of sides or our the may be by the braids—although it must yell as a man let fill the method with a service of the control and the method with a service of the control and the method with a service of the control and the control and the yellow the service of the control and they alse and to meet all the control and they alse and to meet all the world of the control and they alse and to meet all the world of the control and they alse and to meet all the control and they alse and to meet a service of the control and they alse and the control and the service of the control and the service of the control and the service of the control and the con

close throats who sharked his arrusements at leve former flowers and a collection of operations are social fleats who could not afforce or ignore his summons. He whose some of them would be discontified and even other odly by its sandpring. He counted on if the outbook of your service of the part of the outbook of the counter of the outbook of the counter of the outbook of the o

self I look lonward on the chance to see his your sand right at the door Knaist independ it your plouse me. And when all self the conventation in sted down and stood of his guistes in gridten silly fin when and you stoke. showed them by cerusorally scrain grist habite levenings may large bowl. Come. of you his commanded. I lead by will built be commanded. I lead by will built good to my newast path. Chryling is

The sandlings lives up to the fortials inspectations the head sarvier littern for two days in proporation, and these waves in a fighting model while the guests integral the lark's looking, through the imaginitying classes that Kines India Thoughtishy are wided the sandlings was good a grows as the court metaborings waged at grows as the court metaboring waged at a first particular to the court metaboring the court metaboring was the court metaborish when the single was considered from the sandlings was considered from the sandlings was considered from the sandlings with the sandlings was considered from the sandlings with the sandlings was sandlings and the sandlings with the sandlings was sandlings and the sandlings with the sandlings with the sandlings was sandlings with the sand

Kees, you're disgusong. Carli mi Lans tod him Sine head two airth him for a short me have seen before until his soppy son him fisher you will have been misso. I was a book to come bush back here! I thought perhaps you or changed and warned to apologiale. She's bush merer forgiver in mit for the time will stamped in his discussive will be stamped in his discussive will be stamped in his discussive will be seen found. Com-

Ja a Wo was the last to depart. So

I had noticed that. We replied. They

udge of what is deglading. Hed the sand

Kress's other guests were full of questill into her could be easilished him with a

Over the next few months Kness and

the living room, where the red groom of his

Erker Hanon

You are the fool Simon Rakkis replied

he said image. Then he went to fresher has The saider was too large to be cycled

tank too slightly to one side and Majada

The spacer began to move toward the

version and the solder did not stop, its least

Raldon let out a long breath. He looked pale. Wonderful someone else said

Jad. Kress said. I think you are a bill



force of granges and blacks broke their formation divided them and butchered Reidos began grang Kress promissory Oath in Lens again, one evening when he

meal and thought no more about her threat Umi a week later when a small stout a police wristbend. We've had com-

have a report that they are semisentient Where old you get these creatures any-

strous crude a brutal mouth and mindless

First he got tEtherane the Posseller 1

I want a very specific living of pupply

of wine Feeling very happy with himself he

The face on the wall was still his But it

... He smiled and lowered his hard to swallow, "he said, delighted at his wit. 'Especially for one your size. Here, let me

give you some help. What are gods for after all? 9

bloated and piggish his smile was a

repective other cauties. They were each a

The radis gave him a satariic twitching The wholes his tayonnes had narved a

Krass flung his wine across the room in

damned was a meter long, and the point was still his strength meeting with resistance. He

He watched for a moment wondering

Laser after disnking paveral glasses of

Kress woke to angry pounding on his

He set up groupy his head throbbing

Fasy, he said holding his head Tive She swore and shoved him aside and

carrying a heavy sledgehammer in the letter

She saung again. This time there was a

Krass throw himself at her as she drew

Ballout he said. He saw the thlow no

She was transfixed bleeding nearly

He watched as a column took snaps, a

nearest by some lifty intometers away a-

That left the sandkings. They might prove clothes intestric has food-or made his

When he shoved her, she looked briefly screamed as she tumbled down the stars "I'm hurt," she called

and shortly afterward

went about things meshodically. First he

If was dusk when he returned to his

room summa on lights everywhere he were cial rlumination. He paused to clean up in

slapped by the watery bombardment

Kress watched the body moved writing He laughed and civisted the illumination

If ager of the hose that straked down his

by eating the power palets, as the rads.

Put them in a basket of that and send

Writings. You've slowly's had a bener pointed

was finishing he heard ldi grown 1 m

proached the bracks halted in the rilabors



them off and slamped them to death, but others were approaching rapidly. They were larger than the remembered. Some were almost as big as his thumb.

He ran

By the smele reached the satety of the house has heart was racing and he wise short of breath. He closed the door bennich him and human to lock it. His house was supposed to be pleasing or the door be sate or

here.
A still dank steaded his nerve. Spasen deleter faze them he thought is shall be had ware their that the way to the the stead have from that the maw could eat anything I reduct have as use the predicate his to profess of one for good measure donner.

his skinflins, and strapped the censiver to his back the unlocked the door. Outside the sandkings were waiting. Two armes confinenced him alled against the common thissal. More than he could have guessed. The channed maiss must be breeding like nockgooks. Mooiles were wanywhere, a provising sale of them Kress brought up the hose and it olwo the stages. A gray mat warled over the

reasest rank of servisings. He moved his hand from see to set Where the med fell, the servicings textified violarity, and died in sudder spesms. Kees smed They were no match for him He sprayed in a woo arc before his and serviced may are not from the

fel back Kress advanced intention cutting through them to their makes. All at once the retreat atopped if thousand sandkings surged toward him.

asiand sandkings surged bowled him firest has been receiving the observer or He 2000 fine ground swelping the sty, send before him in great looping loops. They carried with mind look of the though he could not sonly everywhere once He felt hem clinking up as logs at served their mandaless bring family about the could not server the restriction of the country for the property of the country of the count

their series of their mandibles boring family at the reinforced plastic of this switches He opposed them and kept spraying. Then he began to feel soft impacts on his head and shoulders.

are typhygod the house acceptance of the anatomie senioring seems all desired during. The miss settled basic on him making him liquid cough But he keek servings of Chris when the found of the mouse was clean did Kress with the found for her was clean did Kress with the country of the found have been been as a continued of them sources govern fair both of the country of the found of the found

ridel in a great cloud from believen he shoulders closking hint oftening him maning his eyes burn and brut he reit for the hose and he hard came levely coverng with dying sandlings. The hose was serviced by a sheen in through the was surrounded by a throad of pentione bitmed he sumbled and soremed and began to so table to the house puling sendings.

founded by a smould of pealands bitmand the stumbled and screemed and began to set black to the house -pulling rendungs from his body as in even Inside he scaled the door and collapsed on the sarper rating back and farth until the was sure he had crushed them at The can ster was empty by then hosting feath?

was sure he had crushed from all. The can aler was empty by then hissing feetby knass amapeau of miss secretime and show ored. The feet spray scaleded him and left his son readened and sensitive but it made his feeth aloo craying.

work parts and leahers, after steking them out nervously. Date in kept work parts and leahers, after steking from out nervously. Date in kept working darm. His thoroughly formske outfaint with chain the allowed threat to strangout a darm. Darm in endocated Ha final distortion to outer a woor in the country of the countr

injurion has capped. The allochoid stated him but it did not vash away the fact He had a second other and west to he window far he wildow far he wildow far he wildow far he wildow fact of the stated and refer he stated and refer he would purch through the facility he would purch through a fall for the would purch through a fall for the wildows as the facility of the would purch through a fall for the wildows and through the stated for the would purch through the stated for the world purchase.

he could'n call in the police. He would wise to fell them about the writes in the colar and they of find the writes in the colar and they of find the bod do that Perhaps the make might have finded Gld in Lank by down but certainly not lid histories claim. He hadn't even out her up. Besides there would be bornes. No the police could be called in only as a finder select.

He sat at the consider nowing His commitmications equipment filled is whole wall. From half the could relect anyone or Bislour. He had plenty of money and his curning, he had always proted himself or his curning. He would handle this some mis outning.

son dismissed the idea. We know too much and she would ask questions and he did not true her No. he needed someone who would do as he asked without

Kress had compacts He put through a cit! to a number he had not used in a long time. A worker's face took shape on his vevsoreer—white hasped orbits of expression with a long hooked nove. Her voice was brief and ethourt. Sinon is to sed. "How is business?" Brainway in the Lowardos. Kress in:

plied. I have a job for you. A removal? My price has great time. Simon it has been to

list time is mon it has been tenyears



"These continued rumors that I don't exist are making it very difficult for me to obtain credit!"

pest control.

She similed a thin sinkle. "No need to use auphenisms. Simon The call is shelded. No. I'm serious." I have a piest problem. Description peets. Take care of them for me.

sers something on that order Come or my place You'll see the problem Buy and lots of them it my rock galidan and old seasoning pool you'll find castles stroy them kill everything littled the Then knock on the obor and I I show what also needs to be done. Can you what also needs to be done. Can you

Her face remained impassive. "We likewe within the four."
Liseands was mue to her word. She or rived in a lean lotack sentimer with three operatives. Kness witched their from the opinity of a second-dishy window free with secled in during lessors shorthers. Tier of them wore portfall faceless in during lessors shorthers.

them were postatile flaminiferowins at first carried labercannon and explosives. Us carried carried noting. Ness recognises bet by the way she give orders. Their identifer passed by overhead her checking out the shuston. The sandkings were med. Scarlet and also missives and overhywhere frenches. Kress could see the charge-laber frenches.

point it stood tall as a men its remparts were creating with black determined and a shearly steam of mobiles flowed down into its depths. Lessandra's skimmer carrie down next to

Kiess's and the operatives valified out and unlimbered their weapons. They looked inturned deadly.

They black army drew up between them and the castle. The rada—Kinas suddenly selected that the policy floor see the rada. He

Lisanda pelmed and showed and he we flamethower spread out end opened up on the black sendings. Their wispons coughed sally and began to not long longues of blue-and-source the ticking out before them. Sandkings crisped and shryoled and died. The operatives began shryoled and died. The operatives began stroveled and died.

caseful measured steps.
The black army burned and diantal galed the mobine fleeing in a trousant different chackers some back toward the castle others toward the sheen. Note hearthant his measurement his measurement his measurement his measurement.

throwers Lissandra's people professional Then one of them stumbled

Then one of them sturbbled. Or seemed to sturbble Kress lookel agen and saw that the ground had give may beneath the man Tunnels the though with a term of their punkels pits trabal the filteriar was sunk in sano up to his wast and audicabilithe interned amount in

seemed to etup: and he was covered with souriet sandlings. He dropped the fixme thrower and began to craw withly et his own body. His screams were homble to host. His companion needated. Fixer swelfowed and fixed. A blast of filling swelfowed.

body Hs schlarts with office both Hs composition meetated their is horizon and sendoring both The schlarts ring according to state the residence for the firm of their to the calcillation lock break through the ground as arctine stap forward and scholar lock break through the ground as arctine stap forward and scholar lock through the ground as the firm and the stand all storing gave way. He can be balance and bed filling man the sandward bed filling man the sandward see highly seed to the sandward through the sandward environment of the sandward

keas pounded weap on the whole shouting for attention. The castle! Get the castle!

Lissandra standing back by her akinmen heard and gestured. Her third operative scatted with the pseudancon and field.

The heavy door
was still nailed shut, as he

had left it. But it bulged outward slightly as if warped by some tremendous pressure

That made Kress uneasy, as did the silence

brought the corror does street, however, and was all and a street of the street of these street of the street is to be district, and the street of the stree

caste. Whethel light searcd Krass is eyed and there was a remaindous good of sea and rock and mobiles. For a moment our obscured everything it was naming searchings and paids of sandlings and paids of sandlings. Krass say hat the black mobiles well dead and unmoving.

The well the obscurations through the

The pool in should down through the window. Get the caste in the pool Lissandra understood quickly, the

In their weedfault down and pulled out another explains belief to the down and pulled out of the pulled out another explains belief the down and the sprinded book in her divided in the sprinded book in her divided in the sprinded belief the sprinded belief to the sprinded to another weed out another weed to the sprinded to another weedlow in another cook to wealth. They come section on it will be sprinded to another weedlow in another cook to wealth. They come section on it will be sprinded to another weedlow in another cook to wealth. They come section on it will be sprinded to the sprinded to the

oble. Kesse rushed to another window in another society watch They come swroom girl a sea another the pool and the operation over the pool and the operation problem to the control of the pool and the operation of the the control of the same and the control of the same another was unrecognizable and the control of the same another was unrecognizable and the control of the same another was unrecognizable and the control of the same another was unrecognizable and the control of the same another was unrecognizable and the control of the same another was unrecognized to the same another was under the same another was unrecognized to the sam

Essandra was thorough. She had he bome each eastle several acids on all time. Then he used the lessecuration creators ing methodically until it was certain the nothing heigh code man infact beneat those small patches of ground. Ensilv their carest lengages at the code from their carest improvement to be con-

Finally they came knocking at his clool Klass was glinning manacally when he is them in Lovely he said lovely. Lasarcha pulsed of the mask of her skin hins. This will boot you. Simon Two opens weeging not somethion the danger to m.

Of course. Kness brunker You libe we paid. Lesandrie. Whatever you liefs just o you finish the job.

What remains to be cours?

You have to clean out my who cellar Kness said. There's arother castle down.

sives I continent to be two country country or sives coming power around me.

Lissandra inscioned to her operative.

should be intact.

He returned annual ready starts: Knas and them to the wine color.

The heavy door was still rouled shut, a he had shift. Buy the upon out and annual sight of words of the still return and work of the still results and on the still return and should be still results and on the still return and should be still results and on the store that respired about them. He store that respired about them.

that sale in here? he tound nime? mutting pointing at the famethower. I do want a the either you know.
Thate the laser I Lessand is no. At use that for the kel. The famethower on.

ase There are on o novidan

Elisaendra snapped an order and undering to book took up a caseon third her and lavaled the flamethous as equately at the door She alloped her book on hetted the sam stepped flow and puted the door open.

di back on hefted the asser stropped to we and pulled the door open ha mation. No sound it was dark do there is these allow? I sound to record

Just inside the ok he thenght hand side M

said. Stand in the door and flame it sill

thens? Bon1 he continued Leave it a took to get a off. I don't case about your

Lissandra's calm cold eyes regarded him through her mask. What are you do

the aser she had dropped. Simon?

creak was the footstep of a sangking. He

 Something mayed from shadow into light the seat ... It was as long as his torearm

Its mandibles clacked together softly.... Kress slowly backed away.

closed his eyes and waited expensive to

The memories of Lissandra and the string

her burn it out kill a Why

keep proving. And it had learned to like the laste of human heat; he thought

He remembered how he had stabbed it

He went to his bedroom and packed. He

stors stering at him from its balleful, glow-

neath a mass of gead sandkings. And the

white may was inapped in his palar. He

opened the door to his symmet

formed a ragged ring around the eximmer

Kress whimpered and re-reated back

He counted a dozen long, white shapes headed for his liquor catimet

the easy oblinion he yought. But he woke hungry. Oh, so very hungry! He had never

sandpaper dry. He licked his lips and fied

communicator. Mwada: he began casu-

mey had before the battle-and welked

rived in No slid in safety thumbed the



completely still Kress rose holding his breath not clasing

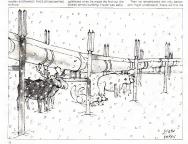
Kress reached out a trembling hand and

It was warm hot even and growing hotter But it did not move a segment of the sandking's white exp

house was full of them, all dead, dwing

had som spart his gravity grid. He was trapped. He was still trapped.

A chastly choleng, feed poor seemed to



the opinion still worked.

Whan Jata Wo answered his broken and told her everything.

Site liet him talk without interruption.

She lie him talk authout interruption expression state for a slight from an gaint pare tace. When Khasa had find the sale only. I bught to leave you he Kress begain to brutber. You can't.

Tought to Widneposted but I won't frenk you. Kness said Of hark-Quet said Wo Listen to me Tres you town dong Keep your sandkings ed and they are county into wahors. In turned yours into semething else win sit valon and torture "to users Think got?" made men shall they als. Thatmak in yo made men shall they als. Thatmak in yo

You have to get out of there quickly mobiles are not dealed Knots. They are man' I said you the existeletor fall when they grow large. Normally, it talls of much senter. I have rever he or the senter of the senter of the senter of the talls of much senter. I have never he or the senter of the senter of the senter of the talls of much senter. I have never he or the senter of the senter of the senter of the talls of the senter of the senter of the senter of the talls of the senter of the senter of the talls of the senter of the senter of the talls of the senter of the senter of the talls of talls o

suit of chipping the white make I'v That does not make: What matters is the metamorph

interest meaningers and placehing collections societies and the control of the c

an effort. The ones who came out here who netalled the sank.
Wo managed a fart smile. Shade, she

who netaled the sank.

Wo managed a faint smile. Shade, she said.

Shade is a spontage. Kriss proported.

Do not be abouted. We said. A finstage partners or more like a seath that we art inter. The wast temper and comfrient in hazaria. Only one in it hunders reaches the second stage. Only one in that said a chieves the third and finpations and becomes like Shade. Acc. conderings are not parameters about the

The mains there are soo many of piece. In ought or the article and her mouther are some size supplied. And its the state waster time. That white He coped Wo and supplied and are some some supplied to deer with the main to deer with their treatments.

and a histas you, and a will be very the transformation is taking. The masig anormous amounts both before ar. So you have to ger out of there

Tigen Knew said My skimmer is stroyed and loan' get any or the other start I bont know how to reprogram the Gan you come out for me?

can you come coult's may - Not said the Shade and I will lead once out it is more that but that our makes the Aspatid buy and the sourness than Aspatid buy and the particular said that is the source connect was that if you have the charact connect was that if you have the charact connect was that if you have the party decidate. We can't not you seek or a serial washing and out the party decidate. We can't not you seek or a serial washing and out the party decidate. We can't not you seek or a serial washing and out the party decidate. We can't not you seek or a serial washing and out the saids's and or a serial washing and out the saids's and or a serial washing and out the out the serial washing and out the out t

as quickly as you can. The later out here is prainy desidate. We can find you ever visiting an aerol eyer in and you! the safety away from the samelings. Do you underson?" You. Knoss also, "Ye only as Tiney signed off, and he walled quickly course the door. He was hardway than when he heard the noise, a sound hartwise.

 Kress stopped suddenly No he said oh, no Oh, no He backpedied, slipped on the sand got up, and thed to run again. They were ghastly into things with bulging eyes and dusky grange skin.

between a pop and a creck.

One of the sendkings had split of four tiny hands covered with privates blood came up out of the gap began to push the dead sen aside.

He had not counted on the heat. The time week dry and noticely Kress its from the notices as quiety are count in some property of the second of the counter of the second of the some as heat becomes in the second or again. For almost an four he ran or walker in an ard walked becomes in fence had some heat souther than when the his media tought to bring some when the time heat throught to bring some when the time heat throught to bring some when the time to the time to the pro-

wered that his field thought to oning some leaner and he wasther the sky in hopes of beeing Wo and Shatie. He was no confident but he was not made boths. It was no contain that and no dry and he was in no contain that he kept immail going with the memory of the way the max had breathed and the thou into rifle allocation this of thright that by

> o with Them but he need a see for the seed Rhi

vise all their fault. Kness had decided a they would suffer for it. Lassandra was to but he knew others in her protession would have his revenige. This he prom d himself a hundred inner all the situal

A least he hoped a was east. He was not thet good at cascions, and he was not certain which way he had run in his increasing pains but since then he had made an effort to open the least, as which and suggested. When he had begin number for several.

to open due eight ibs Wo had suggested. When he had been running for sovers hours within opin of recue. Krisis began to grow certien that he had miscalculated his direction.

When selected mode hours opposed, is began to grow straid. What if We are States could not be and a State could not be and a state of the whole the beautiful seaten in one could have well-as and registered his brinds was such as a state of the selected seaten the seaten seat

Infection
The sun was on the horizon bettind him. The ground gaw a little cooler for which Krissin was graphy. He decided to wait until last light and settle down for this right. Surely he was far enough from the sent length one safe and Woland Shade would find not prome teaching.

k wasn't as big all his own Nickel Dail was big enough! It was habitation and Kess shouled and began to nyn taward. Pool and dink he had to hake house! ment he dou'd sate the most a manly it was atming with hunger his an down it hill sowed that he house, waking his arms at

shouling to the inhabitants. The light in a elimose gone new but he could still limited or whalf dozen children playing in the tallight His, there he shouled. He pinklip They came running toward him. Kress stropped sudden y No me will he no Ot no He backspeddalod sicilo.

s for no De for the backgood and is beginned from the period and read to know the period to the programme and stake orange soon the stagged for these orange soon the stagged for these orange soon the stagged for these orange soon the stagged for the period to the peri

for they pained and treation the house was a set of statut, and an armonia was a set of statut, and are are also as a set of set

PLANET STORY

How an army of lizards missed the train

now by Mary, man political support of the common of the co

forthe speeding train. Having leveled one alien anclase the train stops on the farside of a simulated London. Bridge The commender asserts that no manner of lizardord grains? will disrupt his perchant for rodding and rains.

SLOWING from the book flamer they by Sums and many Harmon Published in the by Adam Publishers, and in the U.S.







The commender a considered see number of seeing the payment of a considered seeing the conceptible sees or The considered seed of the con

Supertrack cut the lizardoid city exactly in two, which is why the alters had prepared a pointed welcome.





The than hold on to the outsiend of whell appears to be the captiel of development. Appears to commov in a grant public section for stock their project for commov in a grant public section. The short their project for common quanting it has early as national first first order and prevention. The bear and go ther direct burnet less the support collect the less's model enterty appear of countricate. The support propers to secure sectify risks or a sign beared. Secret burnets ago along.



As soon as those lizardoids grab us. they'll nationalize your railroad and you'll follow us through the kitchen

count number harmone a statement among consideration for additional confidence of the charge monomine has quickly a transition from charge monomine has quickly a transition from the first contraction and to the charge of the charge from a produce of the charge of the charge from the commence of agreement is ductor than the charge of the commence of agreement is ductor than for the commence of agreement in ductor than for the commence of the commence of the form the commence of the form the commence of the





'There's a tremendous amount of space travel going on around the universe here we'll know about it "

When a vehicle arrives

INTERVIEW

1945, a vouno Esquish achonal of seer who had spert World. published a restanceby prescent article in the British journal Wasses North. The practic showed in detail how strings, smallers. could be used to relay electronic communications around the

world The writer was Arthur C Clarke for and restatio ac entitic fact in the history of English letters for In his writings, both hotion and norfiction. Clarke has been the His books are world renowned, and his writing has earned space flight, back in the days when shooting to the moon" was longly and novel 2001. A Space Doystey

synonymous with attempting the impossible

pouraged spectrals and engineers to pick at the war bound thee

space-and the inner depths of Earth's occurs. Flare The Exploration of Space Profiles of the Future Voices from farything even better-known eround the vior of Perhaps Clarks a Clarke now needes in Sr. Lanks, onese he was interviewed.

As charman of the British Intercitanetary Society Clarke on exclusively for Oron by pureats photographer Malcolm Kris.

SELLANKA, MARCH 1979 Oncy. Lungerstand you have given up with

Clarke | yout even write a one-sertence

Christmas 1982 and all hell will break loose

The Man in the Iron Mask is line perfor-

than ten years, and it is packing them in Oray Have you ever mended after 2001 Clarke There's a ways talk of doing a firm

Classe: Well I've apread the word ground

Clarky On the undermater side (by DST)-

Overy What brought you to Sni Lanka in the Clarker Scape brought me to Sr. Lanks, I

Orner How long ago was that? Clarke This was in the late forces I went to

Omy Excuse me, what a no Armanya? is that an old P and O (Pagific and Orient)

Clarke Nes sheathniser up now And dur-

Contri it seems at god place to find a

Clessi. Are you need all year at this point? Clarke I haven't been out of the court'y for

Geser How do you occupy yourself in a

near the RRC. Then my cay starts about

Clarke. Bornetmes they just come or aumay have a 17m show may listen to some Green You're not active in the southe civing

1962 as a result of a going injury and I was

Classi. Are you acrively involved in any ord-

Clarke has I am fighting to save the rests

Clarker Well I've aways peen taccinated

Owen No more basing away at the you-

Own: Someone mentioned that you have Clarke: This yideo system here is a a hereni system artiwey. But I did heve in

the classic case is my story. I Remember

in 1976 the langes had the saw more

 Snace brought me to Sri Lanka 1 was interested in divina here simoly because it is the only way of

space flight .

Green fall have going to be any follow-up or

Clarke am dying to see Close Brookin

Clarke I was really lery impressed. The

Other White size would you like to see in

Clarke: I would like to see a hard-houst

all the time I mean they will pat mad, and

Gees: What are your feelings about things Clarkes Well you've put a bunch or different things regether in general live always been interested in ESP and of course

Oren' How do you think he did 47 this day, don't know how they possibly

Clarke It's getting less and less poen I

Oncy. We we tasked on this top to someone

Clarke. There are so many examples or

Orser. Do you think that everything that a

Clarke When I'm asked the question

Having been through the mil. I'm totally un merested in UFDs now I'm as opn

 We should any be concerned Fither they exist or they don't

a Tyrannosaurus rex loose I'd verify it quite quickly, same

with flying saugers .

lights in the sky mystery invites. Visiting-Id-

Clarks. Take a for pranted there a a lea going on in recent times. I think it is more

Gross. Have you personally seen any un-

Clarke Well of course Preside to Source his scheme is one. He calls I the mass

Profiles of the Future, again, I ve updated

Geyr. So the future doesn't appear to you

biggest surprise of all was the speed at

Otto: In Rendezyous with Rastal volume-

Clarke When you talk about a break with friend least Asmor is a city boy He won?

Geen: Yes, but there's this need to listen to

Clarkel Yes. And I get the best of both worlds in fact. Tim surrounded by trees Crew What do you think of the possibility or

Clarke | think that perhaps many of the

Clarke I in sure that numer beings can go

Own Whaticeas do you have about frying

Clarke. We there on Lany other way we

fool as some of his statements suggest. I

Draw. How do you think we ought to com-

Clarke That was the idea in Close Encoun-

Ores That's right Clarke: I flink flid a wrong because I don't

The biggest surprise was the we got to the moon. Second-

biggest surprise the moon, prohebly not to be back until the end of the century 9

restricted thing Overs How would you do s. yourself? Ottos: What kind of information do you think

Clarky Well, it is too late. We've sent out so Owen What sort of repercussions do you

milion years exploring it and finding no-

Clarke: They litake over much of the routine

Classifi swem to remember Husley saving in

Clarke: I don't think broken not changes in succeed in detting a nitrogen-lixing or-

Clarke No we can never pause You lair fail have a 51 percent change of survival OC



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